

Alchemical Symbols

Range: 1F700–1F77F

This file contains an excerpt from the character code tables and list of character names for

The Unicode Standard, Version 17.0 BETA REVIEW DRAFT

Characters in this chart that are new for The Unicode Standard, Version 17.0 are shown in conjunction with any existing characters. For ease of reference, the new characters have been highlighted in the chart grid and in the names list. This file will not be updated with errata, or when additional characters are assigned to the Unicode Standard.

See <https://www.unicode.org/errata/> for an up-to-date list of errata.

See <https://www.unicode.org/charts/> for access to a complete list of the latest character code charts. See <https://www.unicode.org/charts/PDF/Unicode-17.0/> for charts showing only the characters added in Unicode 17.0. See <https://www.unicode.org/Public/17.0.0/charts/> for a complete archived file of character code charts for Unicode 17.0. See <https://www.unicode.org/charts/About.html#Conventions> for conventions used in these code charts, and other general information.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 17.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 17.0, online at <https://www.unicode.org/versions/Unicode17.0.0/>, as well as the Unicode Standard Annexes, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

See <https://www.unicode.org/ucd/> and <https://www.unicode.org/reports/>

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

Fonts

The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts.

See <https://www.unicode.org/charts/fonts.html> for a list.

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	1F70	1F71	1F72	1F73	1F74	1F75	1F76	1F77
0	 1F700	 1F710	 1F720	 1F730	 1F740	 1F750	 1F760	 1F770
1	 1F701	 1F711	 1F721	 1F731	 1F741	 1F751	 1F761	 1F771
2	 1F702	 1F712	 1F722	 1F732	 1F742	 1F752	 1F762	 1F772
3	 1F703	 1F713	 1F723	 1F733	 1F743	 1F753	 1F763	 1F773
4	 1F704	 1F714	 1F724	 1F734	 1F744	 1F754	 1F764	 1F774
5	 1F705	 1F715	 1F725	 1F735	 1F745	 1F755	 1F765	 1F775
6	 1F706	 1F716	 1F726	 1F736	 1F746	 1F756	 1F766	 1F776
7	 1F707	 1F717	 1F727	 1F737	 1F747	 1F757	 1F767	 1F777
8	 1F708	 1F718	 1F728	 1F738	 1F748	 1F758	 1F768	 1F778
9	 1F709	 1F719	 1F729	 1F739	 1F749	 1F759	 1F769	 1F779
A	 1F70A	 1F71A	 1F72A	 1F73A	 1F74A	 1F75A	 1F76A	 1F77A
B	 1F70B	 1F71B	 1F72B	 1F73B	 1F74B	 1F75B	 1F76B	 1F77B
C	 1F70C	 1F71C	 1F72C	 1F73C	 1F74C	 1F75C	 1F76C	 1F77C
D	 1F70D	 1F71D	 1F72D	 1F73D	 1F74D	 1F75D	 1F76D	 1F77D
E	 1F70E	 1F71E	 1F72E	 1F73E	 1F74E	 1F75E	 1F76E	 1F77E
F	 1F70F	 1F71F	 1F72F	 1F73F	 1F74F	 1F75F	 1F76F	 1F77F

Symbols for Aristotelian elements

- 1F700 ☿ ALCHEMICAL SYMBOL FOR QUINTESSENCE
 1F701 △ ALCHEMICAL SYMBOL FOR AIR
 1F702 △ ALCHEMICAL SYMBOL FOR FIRE
 → 25B3 △ white up-pointing triangle
 1F703 ▽ ALCHEMICAL SYMBOL FOR EARTH
 → 2641 ♂ earth
 1F704 ▽ ALCHEMICAL SYMBOL FOR WATER
 → 25BD ▽ white down-pointing triangle

Symbols for important solvents

- 1F705 ☿ ALCHEMICAL SYMBOL FOR AQUAFORTIS
 1F706 ☿ ALCHEMICAL SYMBOL FOR AQUA REGIA
 1F707 ☿ ALCHEMICAL SYMBOL FOR AQUA REGIA-2
 = balneum arenae (sand bath), lapis armenus
 (Armenian stone)
 1F708 ☿ ALCHEMICAL SYMBOL FOR AQUA VITAE
 = spiritus vini
 1F709 ☿ ALCHEMICAL SYMBOL FOR AQUA VITAE-2
 1F70A + ALCHEMICAL SYMBOL FOR VINEGAR
 = crucible; acid; distill; atrament; vitriol; red sulfur;
 borax; wine; alkali salt; mercurius vivus, quick
 silver
 → 2629 ✚ cross of jerusalem
 1F70B ✚ ALCHEMICAL SYMBOL FOR VINEGAR-2
 = distilled vinegar
 1F70C ✚ ALCHEMICAL SYMBOL FOR VINEGAR-3

Symbols for sulfur and mercury

- 1F70D ☿ ALCHEMICAL SYMBOL FOR SULFUR
 = brimstone
 1F70E ☿ ALCHEMICAL SYMBOL FOR PHILOSOPHERS
 SULFUR
 1F70F ☿ ALCHEMICAL SYMBOL FOR BLACK SULFUR
 = sulfur nigra, dye
 1F710 ☿ ALCHEMICAL SYMBOL FOR MERCURY
 SUBLIMATE
 → 263F ☿ mercury
 → 1F75E ☿ alchemical symbol for sublimation
 1F711 ☿ ALCHEMICAL SYMBOL FOR MERCURY
 SUBLIMATE-2
 1F712 ☿ ALCHEMICAL SYMBOL FOR MERCURY
 SUBLIMATE-3
 1F713 ☿ ALCHEMICAL SYMBOL FOR CINNABAR

Symbols for salt, vitriol, and nitre

- 1F714 ⊖ ALCHEMICAL SYMBOL FOR SALT
 → 25A1 □ white square
 → 2296 ⊖ circled minus
 1F715 ⊖ ALCHEMICAL SYMBOL FOR NITRE
 → 29B6 ⊖ circled vertical bar
 1F716 ⊖ ALCHEMICAL SYMBOL FOR VITRIOL
 1F717 ⊖ ALCHEMICAL SYMBOL FOR VITRIOL-2
 1F718 ☿ ALCHEMICAL SYMBOL FOR ROCK SALT
 = sal gemmae
 1F719 ☿ ALCHEMICAL SYMBOL FOR ROCK SALT-2

Symbols for gold and silver

- 1F71A ☿ ALCHEMICAL SYMBOL FOR GOLD
 → 2609 ☿ sun
 1F71B ☿ ALCHEMICAL SYMBOL FOR SILVER
 → 263D ☿ first quarter moon
 → 263E ☿ last quarter moon

Symbols for iron, iron ore and derivatives

- 1F71C ☿ ALCHEMICAL SYMBOL FOR IRON ORE
 → 2642 ♂ male sign
 1F71D ☿ ALCHEMICAL SYMBOL FOR IRON ORE-2
 1F71E ☿ ALCHEMICAL SYMBOL FOR CROCUS OF IRON
 = crocus martis, red or yellow calcined powder of
 iron
 → 26A6 ♂ male with stroke sign
 1F71F ☿ ALCHEMICAL SYMBOL FOR REGULUS OF IRON
 = regulus martis, scoria from refining
 stibnite/antimony with iron

Symbols for copper, copper ore and derivatives

- 1F720 ☿ ALCHEMICAL SYMBOL FOR COPPER ORE
 → 2640 ♀ female sign
 1F721 ☿ ALCHEMICAL SYMBOL FOR IRON-COPPER ORE
 → 26A5 ♂ male and female sign
 1F722 ☿ ALCHEMICAL SYMBOL FOR SUBLIMATE OF
 COPPER
 → 1F739 ☿ alchemical symbol for sal-
 ammoniac
 1F723 ☿ ALCHEMICAL SYMBOL FOR CROCUS OF
 COPPER
 = crocus veneris, aes ustum
 1F724 ☿ ALCHEMICAL SYMBOL FOR CROCUS OF
 COPPER-2
 1F725 ☿ ALCHEMICAL SYMBOL FOR COPPER
 ANTIMONIATE
 = crocus of copper, crocus veneris, lapis
 haematites
 → 2641 ♂ earth
 1F726 ☿ ALCHEMICAL SYMBOL FOR SALT OF COPPER
 ANTIMONIATE
 → 1F714 ⊖ alchemical symbol for salt
 1F727 ☿ ALCHEMICAL SYMBOL FOR SUBLIMATE OF
 SALT OF COPPER
 → 1F739 ☿ alchemical symbol for sal-
 ammoniac
 1F728 ⊕ ALCHEMICAL SYMBOL FOR VERDIGRIS
 = aes viride, copper subacetate
 = astronomical symbol for earth
 → 2295 ⊕ circled plus
 → 2641 ♂ earth

Symbols for tin and lead ore

- 1F729 ☿ ALCHEMICAL SYMBOL FOR TIN ORE
 → 2643 ☿ jupiter
 1F72A ☿ ALCHEMICAL SYMBOL FOR LEAD ORE
 → 2644 ☿ saturn

Symbols for antimony, antimony ore and derivatives

- 1F72B ☿ ALCHEMICAL SYMBOL FOR ANTIMONY ORE
 = stibnite
 → 2641 ♂ earth
 1F72C ☿ ALCHEMICAL SYMBOL FOR SUBLIMATE OF
 ANTIMONY
 → 1F739 ☿ alchemical symbol for sal-
 ammoniac
 1F72D ☿ ALCHEMICAL SYMBOL FOR SALT OF
 ANTIMONY
 = cinnabar
 → 1F714 ⊖ alchemical symbol for salt
 1F72E ☿ ALCHEMICAL SYMBOL FOR SUBLIMATE OF
 SALT OF ANTIMONY
 1F72F ☿ ALCHEMICAL SYMBOL FOR VINEGAR OF
 ANTIMONY

1F730		ALCHEMICAL SYMBOL FOR REGULUS OF ANTIMONY = antimony metal
1F731		ALCHEMICAL SYMBOL FOR REGULUS OF ANTIMONY-2
1F732		ALCHEMICAL SYMBOL FOR REGULUS
1F733		ALCHEMICAL SYMBOL FOR REGULUS-2
1F734		ALCHEMICAL SYMBOL FOR REGULUS-3
1F735		ALCHEMICAL SYMBOL FOR REGULUS-4
Symbols for other substances		
1F736		ALCHEMICAL SYMBOL FOR ALKALI = sal alkali
1F737		ALCHEMICAL SYMBOL FOR ALKALI-2
1F738		ALCHEMICAL SYMBOL FOR MARCASITE = iron pyrite, iron sulfide
1F739		ALCHEMICAL SYMBOL FOR SAL-AMMONIAC = ammonium chloride → 002A * asterisk → 26B9 * sextile → 2733 * eight spoked asterisk
1F73A		ALCHEMICAL SYMBOL FOR ARSENIC → 29DF ↔ double-ended multimap
1F73B		ALCHEMICAL SYMBOL FOR REALGAR = arsenic sulfide
1F73C		ALCHEMICAL SYMBOL FOR REALGAR-2 = arsenic sulfide
1F73D		ALCHEMICAL SYMBOL FOR AURIPIGMENT = orpiment = arsenic trisulfide
1F73E		ALCHEMICAL SYMBOL FOR BISMUTH ORE = tinglass → 2646 Ψ neptune
1F73F		ALCHEMICAL SYMBOL FOR TARTAR = impure potassium tartrate
1F740		ALCHEMICAL SYMBOL FOR TARTAR-2 = impure potassium tartrate
1F741		ALCHEMICAL SYMBOL FOR QUICK LIME = calx viva = calcium oxide
1F742		ALCHEMICAL SYMBOL FOR BORAX
1F743		ALCHEMICAL SYMBOL FOR BORAX-2
1F744		ALCHEMICAL SYMBOL FOR BORAX-3
1F745		ALCHEMICAL SYMBOL FOR ALUM
1F746		ALCHEMICAL SYMBOL FOR OIL → 0F1C འ tibetan sign rdel dkar gsum
1F747		ALCHEMICAL SYMBOL FOR SPIRIT
1F748		ALCHEMICAL SYMBOL FOR TINCTURE
1F749		ALCHEMICAL SYMBOL FOR GUM
1F74A		ALCHEMICAL SYMBOL FOR WAX = cera
1F74B		ALCHEMICAL SYMBOL FOR POWDER = pulvis
1F74C		ALCHEMICAL SYMBOL FOR CALX = calcinare = oxide residue, calcium oxide
1F74D		ALCHEMICAL SYMBOL FOR TUTTY = tutia, crude zinc oxide sublimate = aes viride
1F74E		ALCHEMICAL SYMBOL FOR CAPUT MORTUUM = worthless residue of sublimation or distillation
1F74F		ALCHEMICAL SYMBOL FOR SCEPTER OF JOVE
1F750		ALCHEMICAL SYMBOL FOR CADUCEUS → 2624 ☯ caduceus
1F751		ALCHEMICAL SYMBOL FOR TRIDENT

1F752		ALCHEMICAL SYMBOL FOR STARRED TRIDENT
1F753		ALCHEMICAL SYMBOL FOR LODESTONE = magnes
1F754		ALCHEMICAL SYMBOL FOR SOAP → 25CA ◇ lozenge → 2B26 ◇ white medium diamond
1F755		ALCHEMICAL SYMBOL FOR URINE → 22A1 ☐ squared dot operator
1F756		ALCHEMICAL SYMBOL FOR HORSE DUNG = fimus equinus
1F757		ALCHEMICAL SYMBOL FOR ASHES = cineres
1F758		ALCHEMICAL SYMBOL FOR POT ASHES = cineres clavellati, alumen
1F759		ALCHEMICAL SYMBOL FOR BRICK
1F75A		ALCHEMICAL SYMBOL FOR POWDERED BRICK = later cibratus, farina laterum

Composition

1F75B		ALCHEMICAL SYMBOL FOR AMALGAM
1F75C		ALCHEMICAL SYMBOL FOR STRATUM SUPER STRATUM
1F75D		ALCHEMICAL SYMBOL FOR STRATUM SUPER STRATUM-2

Processes

1F75E		ALCHEMICAL SYMBOL FOR SUBLIMATION → 260A ⬆ ascending node → 264E ⬆ libra
1F75F		ALCHEMICAL SYMBOL FOR PRECIPITATE
1F760		ALCHEMICAL SYMBOL FOR DISTILL = sublimate
1F761		ALCHEMICAL SYMBOL FOR DISSOLVE → 0192 f latin small letter f with hook → 2A0D f finite part integral
1F762		ALCHEMICAL SYMBOL FOR DISSOLVE-2 = water, aqua
1F763		ALCHEMICAL SYMBOL FOR PURIFY → 260B ⬆ descending node
1F764		ALCHEMICAL SYMBOL FOR PUTREFACTION

Apparatus

1F765		ALCHEMICAL SYMBOL FOR CRUCIBLE = tigillum → 1F70A + alchemical symbol for vinegar
1F766		ALCHEMICAL SYMBOL FOR CRUCIBLE-2
1F767		ALCHEMICAL SYMBOL FOR CRUCIBLE-3
1F768		ALCHEMICAL SYMBOL FOR CRUCIBLE-4 → 0166 T latin capital letter t with stroke
1F769		ALCHEMICAL SYMBOL FOR CRUCIBLE-5
1F76A		ALCHEMICAL SYMBOL FOR ALEMBIC
1F76B		ALCHEMICAL SYMBOL FOR BATH OF MARY = balneum mariae
1F76C		ALCHEMICAL SYMBOL FOR BATH OF VAPOURS = balneum vaporis
1F76D		ALCHEMICAL SYMBOL FOR RETORT → 2697 ⬆ alembic

Time

1F76E		ALCHEMICAL SYMBOL FOR HOUR → 231B ⌚ hourglass → 29D6 ⌚ white hourglass
1F76F		ALCHEMICAL SYMBOL FOR NIGHT
1F770		ALCHEMICAL SYMBOL FOR DAY-NIGHT

1F771 ☒ ALCHEMICAL SYMBOL FOR MONTH
 = mensis
 → 22A0 ☒ squared times

Measures

1F772 Ɀ ALCHEMICAL SYMBOL FOR HALF DRAM
 = drachma semis
 • handwritten ligature of 0292 3 + 00DF ß ,
 typically spelled out as 3ss
 → 0292 3 latin small letter ezh

1F773 Ɀ ALCHEMICAL SYMBOL FOR HALF OUNCE
 = uncia semis
 • handwritten ligature of 2125 3 + 00DF ß ,
 typically spelled out as 2125 3 ss
 → 2125 3 ounce sign

Other symbol

1F774 ☒ LOT OF FORTUNE
 = pars fortunae
 → 2297 ☒ circled times

Eclipse symbols

1F775 ☿ OCCULTATION
 → 260C ☿ conjunction

1F776 ☾ LUNAR ECLIPSE
 → 260D ☾ opposition

Historical symbols for asteroids

1F777 ☿ VESTA FORM TWO
 → 26B6 ☿ vesta

1F778 ☿ ASTRAEA FORM TWO
 → 2BD9 ☿ astraea

1F779 ☿* HYGIEA FORM TWO
 → 2BDA ☿ hygjea

1F77A ☿ PARthenOPE FORM TWO
 = Lyra
 → 1CEC4 ☿ parthenope

Symbols for dwarf planets

1F77B ☿ HAUMEA

1F77C ☿ MAKEMAKE

1F77D ☿ GONGGONG

1F77E ☿ QUAOAR

1F77F ☿ ORCUS