

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

	Hex(B974D0)	Hex(BE89D0)	Hex(C39ED0)	Hex(C9B2D0)	Hex(CEC7D0)	Hex(D3DCD0)	Hex(D8F1D0)	Hex(DDFFD0)	Hex(E3FFD0)	Hex(E8FFD0)
Hex(B974D0)		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 3.04 AA 18pt ²
Hex(BE89D0)	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(C39ED0)	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(C9B2D0)	Ratio: 1.66 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(CEC7D0)	Ratio: 1.96 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(D3DCD0)	Ratio: 2.31 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(D8F1D0)	Ratio: 2.69 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(DDFFD0)	Ratio: 2.98 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(E3FFD0)	Ratio: 3.01 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(E8FFD0)	Ratio: 3.04 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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