

Converting Colors - WCAG Matrix

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

	Hex(525CD5)	Hex(6770D5)	Hex(7D83D5)	Hex(9297D5)	Hex(A7ABD5)	Hex(BDBED5)	Hex(D2D2D5)	Hex(E7E6D5)	Hex(FCF9D5)	Hex(FFFD5)
Hex(525CD5)		Ratio: 1.26 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 4.33 AA 18pt ²	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 5.33 AA ¹ AAA 18pt ⁴
Hex(6770D5)	Ratio: 1.26 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 4.05 AA 18pt ²	Ratio: 4.23 AA 18pt ²
Hex(7D83D5)	Ratio: 1.58 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 3.37 AA 18pt ²
Hex(9297D5)	Ratio: 1.98 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(A7ABD5)	Ratio: 2.45 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(BDBED5)	Ratio: 2.98 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(D2D2D5)	Ratio: 3.62 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(E7E6D5)	Ratio: 4.33 AA 18pt ²	Ratio: 3.43 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(FCF9D5)	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 4.05 AA 18pt ²	Ratio: 3.23 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFFD5)	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 4.23 AA 18pt ²	Ratio: 3.37 AA 18pt ²	Ratio: 2.70 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.04 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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