

Converting Colors - WCAG Matrix

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

	Hex(6950CE)	Hex(7965CE)	Hex(8A79CE)	Hex(9A8ECE)	Hex(ABA3CE)	Hex(BCB7CE)	Hex(CCCCCE)	Hex(DDE0CE)	Hex(EDF5CE)	Hex(FFEFCE)
Hex(6950CE)		Ratio: 1.25 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 4.29 AA 18pt ²	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 5.61 AA ¹ AAA 18pt ⁴
Hex(7965CE)	Ratio: 1.25 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 4.06 AA 18pt ²	Ratio: 4.47 AA 18pt ²
Hex(8A79CE)	Ratio: 1.57 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: 3.25 AA 18pt ²	Ratio: 3.58 AA 18pt ²
Hex(9A8ECE)	Ratio: 1.96 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(ABA3CE)	Ratio: 2.43 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: 1.76 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(BCB7CE)	Ratio: 2.97 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: 1.72 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(CCCCCE)	Ratio: 3.60 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(DDE0CE)	Ratio: 4.29 AA 18pt ²	Ratio: 3.42 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(EDF5CE)	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 4.06 AA 18pt ²	Ratio: 3.25 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(FFEFCE)	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 4.47 AA 18pt ²	Ratio: 3.58 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.10 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.

This PDF was generated on convertingcolors.com.