

Converting Colors - WCAG Matrix

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

	Hex(5E38E0)	Hex(704FE0)	Hex(8165E0)	Hex(927CE0)	Hex(A492E0)	Hex(B5A9E0)	Hex(C7BFE0)	Hex(D8D5E0)	Hex(E9ECE0)	Hex(FBFFE0)
Hex(5E38E0)		Ratio: 1.25 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 3.83 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 6.57 AA ¹ AAA 18pt ⁴
Hex(704FE0)	Ratio: 1.25 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 5.27 AA ¹ AAA 18pt ⁴
Hex(8165E0)	Ratio: 1.56 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 4.20 AA 18pt ²
Hex(927CE0)	Ratio: 1.98 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(A492E0)	Ratio: 2.49 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(B5A9E0)	Ratio: 3.12 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(C7BFE0)	Ratio: 3.83 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(D8D5E0)	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 3.74 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(E9ECE0)	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 3.60 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.17 Failed ⁵
Hex(FBFFE0)	Ratio: 6.57 AA ¹ AAA 18pt ⁴	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 4.20 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.17 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.