

Converting Colors - WCAG Matrix

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

	Hex(692CC3)	Hex(7440C3)	Hex(8053C3)	Hex(8C67C3)	Hex(987AC3)	Hex(A38EC3)	Hex(AFA2C3)	Hex(BBB5C3)	Hex(C7C9C3)	Hex(D2DCC3)
Hex(692CC3)		Ratio: 1.19 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 3.82 AA 18pt ²	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 5.37 AA ¹ AAA 18pt ⁴
Hex(7440C3)	Ratio: 1.19 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 3.85 AA 18pt ²	Ratio: 4.52 AA ¹ AAA 18pt ⁴
Hex(8053C3)	Ratio: 1.43 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 3.74 AA 18pt ²
Hex(8C67C3)	Ratio: 1.76 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(987AC3)	Ratio: 2.15 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(A38EC3)	Ratio: 2.62 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(AFA2C3)	Ratio: 3.19 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(BBB5C3)	Ratio: 3.82 AA 18pt ²	Ratio: 3.22 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(C7C9C3)	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 3.85 AA 18pt ²	Ratio: 3.19 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.17 Failed ⁵
Hex(D2DCC3)	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 3.74 AA 18pt ²	Ratio: 3.05 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.40 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.

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