

Converting Colors - WCAG Matrix

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

	Hex(6924F2)	Hex(793CF2)	Hex(8954F2)	Hex(996DF2)	Hex(A985F2)	Hex(B99DF2)	Hex(CAB5F2)	Hex(DACDF2)	Hex(EAE6F2)	Hex(FAFEF2)
Hex(6924F2)		Ratio: 1.19 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 4.46 AA 18pt ²	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 6.55 AA ¹ AAA 18pt ⁴
Hex(793CF2)	Ratio: 1.19 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 5.49 AA ¹ AAA 18pt ⁴
Hex(8954F2)	Ratio: 1.47 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.71 AA 18pt ²	Ratio: 4.45 AA 18pt ²
Hex(996DF2)	Ratio: 1.86 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.52 AA 18pt ²
Hex(A985F2)	Ratio: 2.34 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(B99DF2)	Ratio: 2.92 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(CAB5F2)	Ratio: 3.64 AA 18pt ²	Ratio: 3.05 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(DACDF2)	Ratio: 4.46 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(EAE6F2)	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 3.71 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FAFEF2)	Ratio: 6.55 AA ¹ AAA 18pt ⁴	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 4.45 AA 18pt ²	Ratio: 3.52 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.20 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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