

Converting Colors - WCAG Matrix

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

	Hex(678DF1)	Hex(7F9EF1)	Hex(97B0F1)	Hex(AFC1F1)	Hex(C7D3F1)	Hex(DFE4F1)	Hex(F8F6F1)	Hex(FFFFFF1)
Hex(678DF1)		Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(7F9EF1)	Ratio: 1.21 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(97B0F1)	Ratio: 1.47 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(AFC1F1)	Ratio: 1.76 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(C7D3F1)	Ratio: 2.11 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(DFE4F1)	Ratio: 2.48 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(F8F6F1)	Ratio: 2.92 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(FFFFFF1)	Ratio: 3.13 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.07 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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