

Converting Colors - WCAG Matrix

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

	Hex(426A6A)	Hex(FFFFFF)	Hex(749D9D)	Hex(8EB8B8)	Hex(A9D4D4)	Hex(C5F0F0)	Hex(E1FFFF)	Hex(FEFFFF)
Hex(426A6A)		Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 5.99 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.00 AA ¹ AAA 18pt ⁴		Ratio: 2.98 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(749D9D)	Ratio: 2.01 Failed ⁵	Ratio: 2.98 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(8EB8B8)	Ratio: 2.77 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(A9D4D4)	Ratio: 3.73 AA 18pt ²	Ratio: 1.61 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(C5F0F0)	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(E1FFFF)	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(FEFFFF)	Ratio: 5.99 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.05 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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