

Converting Colors - WCAG Matrix

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

	Hex(3A3D40)	Hex(FFFFFF)	Hex(696D70)	Hex(828689)	Hex(9CA0A4)	Hex(B7BBBF)	Hex(D3D7DA)	Hex(EFF3F7)
Hex(3A3D40)		Ratio: 10.93 Passed ⁶	Ratio: 2.09 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 7.55 Passed ⁶	Ratio: 9.80 Passed ⁶
Hex(FFFFFF)	Ratio: 10.93 Passed ⁶		Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 3.67 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(696D70)	Ratio: 2.09 Failed ⁵	Ratio: 5.22 AA ¹ AAA 18pt ⁴		Ratio: 1.42 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(828689)	Ratio: 2.98 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(9CA0A4)	Ratio: 4.15 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(B7BBBF)	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 1.93 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(D3D7DA)	Ratio: 7.55 Passed ⁶	Ratio: 1.45 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(EFF3F7)	Ratio: 9.80 Passed ⁶	Ratio: 1.12 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 3.29 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.30 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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