

Converting Colors - WCAG Matrix

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

	Hex(3D373B)	Hex(FFFFFF)	Hex(6D666A)	Hex(867F84)	Hex(A0999E)	Hex(BBB3B9)	Hex(D7CFD4)	Hex(F3EBF1)
Hex(3D373B)		Ratio: 11.62 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 4.17 AA 18pt ²	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 7.61 Passed ⁶	Ratio: 9.94 Passed ⁶
Hex(FFFFFF)	Ratio: 11.62 Passed ⁶		Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 3.90 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(6D666A)	Ratio: 2.08 Failed ⁵	Ratio: 5.59 AA ¹ AAA 18pt ⁴		Ratio: 1.43 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 4.78 AA ¹ AAA 18pt ⁴
Hex(867F84)	Ratio: 2.98 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(A0999E)	Ratio: 4.17 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(BBB3B9)	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 2.05 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(D7CFD4)	Ratio: 7.61 Passed ⁶	Ratio: 1.53 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(F3EBF1)	Ratio: 9.94 Passed ⁶	Ratio: 1.17 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 3.34 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 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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