

Converting Colors - WCAG Matrix

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

	Hex(0F120E)	Hex(E EF1EE)	Hex(3A3C39)	Hex(515350)	Hex(696B68)	Hex(828481)	Hex(9C9F9B)	Hex(B7B9B6)	Hex(D2D5D2)
Hex(0F120E)		Ratio: 16.58 Passed ⁶	Ratio: 1.69 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 7.05 Passed ⁶	Ratio: 9.55 Passed ⁶	Ratio: 12.75 Passed ⁶
Hex(E EF1EE)	Ratio: 16.58 Passed ⁶		Ratio: 9.79 Passed ⁶	Ratio: 6.83 AA ¹ AAA 18pt ⁴	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 3.31 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(3A3C39)	Ratio: 1.69 Failed ⁵	Ratio: 9.79 Passed ⁶		Ratio: 1.43 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 7.53 Passed ⁶
Hex(515350)	Ratio: 2.43 Failed ⁵	Ratio: 6.83 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 5.25 AA ¹ AAA 18pt ⁴
Hex(696B68)	Ratio: 3.51 AA 18pt ²	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 2.07 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.63 AA 18pt ²
Hex(828481)	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 3.31 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(9C9F9B)	Ratio: 7.05 Passed ⁶	Ratio: 2.35 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(B7B9B6)	Ratio: 9.55 Passed ⁶	Ratio: 1.74 Failed ⁵	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 3.93 AA 18pt ²	Ratio: 2.72 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.33 Failed ⁵
Hex(D2D5D2)	Ratio: 12.75 Passed ⁶	Ratio: 1.30 Failed ⁵	Ratio: 7.53 Passed ⁶	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 3.63 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 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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