

Converting Colors - WCAG Matrix

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

	Hex(141319)	Hex(F4F3FB)	Hex(3E3D44)	Hex(55545B)	Hex(6E6D74)	Hex(87868D)	Hex(A1A0A8)	Hex(BCBBC3)	Hex(D8D7DF)
Hex(141319)		Ratio: 16.76 Passed ⁶	Ratio: 1.72 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 7.13 Passed ⁶	Ratio: 9.70 Passed ⁶	Ratio: 12.93 Passed ⁶
Hex(F4F3FB)	Ratio: 16.76 Passed ⁶		Ratio: 9.75 Passed ⁶	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 3.27 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(3E3D44)	Ratio: 1.72 Failed ⁵	Ratio: 9.75 Passed ⁶		Ratio: 1.43 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 7.52 Passed ⁶
Hex(55545B)	Ratio: 2.47 Failed ⁵	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 5.24 AA ¹ AAA 18pt ⁴
Hex(6E6D74)	Ratio: 3.61 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 2.10 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.58 AA 18pt ²
Hex(87868D)	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 3.27 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(A1A0A8)	Ratio: 7.13 Passed ⁶	Ratio: 2.35 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(BCBBC3)	Ratio: 9.70 Passed ⁶	Ratio: 1.73 Failed ⁵	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 3.93 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵
Hex(D8D7DF)	Ratio: 12.93 Passed ⁶	Ratio: 1.30 Failed ⁵	Ratio: 7.52 Passed ⁶	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 3.58 AA 18pt ²	Ratio: 2.52 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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