

Converting Colors - WCAG Matrix

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

Hex(94001F) Hex(BF8791) Hex(730094) Hex(613D45) Hex(E0E0E0) Hex(616161)

	Hex(94001F)	Hex(BF8791)	Hex(730094)	Hex(613D45)	Hex(E0E0E0)	Hex(616161)
Hex(94001F)		Ratio: 3.11 AA 18pt ²	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.98 AA ¹ AAA 18pt ⁴	Ratio: 1.49 Failed ⁵
Hex(BF8791)	Ratio: 3.11 AA 18pt ²		Ratio: 3.29 AA 18pt ²	Ratio: 3.13 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(730094)	Ratio: 1.06 Failed ⁵	Ratio: 3.29 AA 18pt ²		Ratio: 1.05 Failed ⁵	Ratio: 7.38 Passed ⁶	Ratio: 1.57 Failed ⁵
Hex(613D45)	Ratio: 1.01 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 1.05 Failed ⁵		Ratio: 7.03 Passed ⁶	Ratio: 1.50 Failed ⁵
Hex(E0E0E0)	Ratio: 6.98 AA ¹ AAA 18pt ⁴	Ratio: 2.24 Failed ⁵	Ratio: 7.38 Passed ⁶	Ratio: 7.03 Passed ⁶		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.49 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 4.69 AA ¹ AAA 18pt ⁴	

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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