

Converting Colors - WCAG Matrix

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

Hex(940025) Hex(BF8694) Hex(6F0094) Hex(613E47) Hex(E0E0E0) Hex(616161)

	Hex(940025)	Hex(BF8694)	Hex(6F0094)	Hex(613E47)	Hex(E0E0E0)	Hex(616161)
Hex(940025)		Ratio: 3.09 AA 18pt ²	Ratio: 1.09 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 1.48 Failed ⁵
Hex(BF8694)	Ratio: 3.09 AA 18pt ²		Ratio: 3.35 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 2.26 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(6F0094)	Ratio: 1.09 Failed ⁵	Ratio: 3.35 AA 18pt ²		Ratio: 1.09 Failed ⁵	Ratio: 7.56 Passed ⁶	Ratio: 1.61 Failed ⁵
Hex(613E47)	Ratio: 1.00 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 1.09 Failed ⁵		Ratio: 6.95 AA ¹ AAA 18pt ⁴	Ratio: 1.48 Failed ⁵
Hex(E0E0E0)	Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 2.26 Failed ⁵	Ratio: 7.56 Passed ⁶	Ratio: 6.95 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.48 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.48 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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