

Converting Colors - WCAG Matrix

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

Hex(616161) Hex(7D7D7D) Hex(303030) Hex(700054) Hex(F000B4)

	Hex(616161)	Hex(7D7D7D)	Hex(303030)	Hex(700054)	Hex(F000B4)
Hex(616161)		Ratio: 1.50 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(7D7D7D)	Ratio: 1.50 Failed ⁵		Ratio: 3.21 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(303030)	Ratio: 2.13 Failed ⁵	Ratio: 3.21 AA 18pt ²		Ratio: 1.14 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(700054)	Ratio: 1.87 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.95 Failed ⁵
Hex(F000B4)	Ratio: 1.58 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 2.95 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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