

Converting Colors - WCAG Matrix

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

Hex(575757) Hex(707070) Hex(2B2B2B) Hex(6B001E) Hex(EB0042)

	Hex(575757)	Hex(707070)	Hex(2B2B2B)	Hex(6B001E)	Hex(EB0042)
Hex(575757)		Ratio: 1.46 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(707070)	Ratio: 1.46 Failed ⁵		Ratio: 2.86 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(2B2B2B)	Ratio: 1.96 Failed ⁵	Ratio: 2.86 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(6B001E)	Ratio: 1.77 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(EB0042)	Ratio: 1.59 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 2.80 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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