

Converting Colors - WCAG Matrix

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

Hex(6C6B6C) Hex(8C8B8C) Hex(6C6C6B) Hex(363535) Hex(750067) Hex(F500D7)

	Hex(6C6B6C)	Hex(8C8B8C)	Hex(6C6C6B)	Hex(363535)	Hex(750067)	Hex(F500D7)
Hex(6C6B6C)		Ratio: 1.56 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(8C8B8C)	Ratio: 1.56 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 3.17 AA 18pt ²	Ratio: 1.06 Failed ⁵
Hex(6C6C6B)	Ratio: 1.01 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 2.33 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(363535)	Ratio: 2.30 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 2.33 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(750067)	Ratio: 2.03 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 2.05 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 3.00 AA 18pt ²
Hex(F500D7)	Ratio: 1.48 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 3.00 AA 18pt ²	

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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