

Converting Colors - WCAG Matrix

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

Hex(400400) Hex(520500) Hex(402400) Hex(1F1C1C) Hex(5E0600) Hex(DE0F00)

	Hex(400400)	Hex(520500)	Hex(402400)	Hex(1F1C1C)	Hex(5E0600)	Hex(DE0F00)
Hex(400400)		Ratio: 1.12 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(520500)	Ratio: 1.12 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(402400)	Ratio: 1.19 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.84 Failed ⁵
Hex(1F1C1C)	Ratio: 1.00 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 3.36 AA 18pt ²
Hex(5E0600)	Ratio: 1.22 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(DE0F00)	Ratio: 3.38 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 2.78 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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