

Converting Colors - WCAG Matrix

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

Hex(605A5A) Hex(7D7474) Hex(605D5A) Hex(302D2D) Hex(700000) Hex(F00000)

	Hex(605A5A)	Hex(7D7474)	Hex(605D5A)	Hex(302D2D)	Hex(700000)	Hex(F00000)
Hex(605A5A)		Ratio: 1.49 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(7D7474)	Ratio: 1.49 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(605D5A)	Ratio: 1.03 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(302D2D)	Ratio: 2.02 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 2.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(700000)	Ratio: 1.84 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(F00000)	Ratio: 1.51 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 2.79 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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