

Converting Colors - WCAG Matrix

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

Hex(7D6F73) Hex(64575A) Hex(4C4043) Hex(352A2D) Hex(201518) Hex(000000)

	Hex(7D6F73)	Hex(64575A)	Hex(4C4043)	Hex(352A2D)	Hex(201518)	Hex(000000)
Hex(7D6F73)		Ratio: 1.44 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 4.39 AA 18pt ²
Hex(64575A)	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(4C4043)	Ratio: 2.07 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(352A2D)	Ratio: 2.89 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(201518)	Ratio: 3.72 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.18 Failed ⁵
Hex(000000)	Ratio: 4.39 AA 18pt ²	Ratio: 3.05 AA 18pt ²	Ratio: 2.12 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.18 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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