

Converting Colors - WCAG Matrix

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

Hex(61494C) Hex(7D575C) Hex(496152) Hex(302C2C) Hex(70000E) Hex(F0001E)

	Hex(61494C)	Hex(7D575C)	Hex(496152)	Hex(302C2C)	Hex(70000E)	Hex(F0001E)
Hex(61494C)		Ratio: 1.32 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(7D575C)	Ratio: 1.32 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(496152)	Ratio: 1.21 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(302C2C)	Ratio: 1.69 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(70000E)	Ratio: 1.51 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(F0001E)	Ratio: 1.84 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 3.10 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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