

Converting Colors - WCAG Matrix

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

Hex(474747) Hex(5C5C5C) Hex(242424) Hex(635D00) Hex(E3D400)

	Hex(474747)	Hex(5C5C5C)	Hex(242424)	Hex(635D00)	Hex(E3D400)
Hex(474747)		Ratio: 1.39 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 6.05 AA ¹ AAA 18pt ⁴
Hex(5C5C5C)	Ratio: 1.39 Failed ⁵		Ratio: 2.32 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 4.36 AA 18pt ²
Hex(242424)	Ratio: 1.67 Failed ⁵	Ratio: 2.32 Failed ⁵		Ratio: 2.29 Failed ⁵	Ratio: 10.12 Passed ⁶
Hex(635D00)	Ratio: 1.37 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.29 Failed ⁵		Ratio: 4.42 AA 18pt ²
Hex(E3D400)	Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 4.36 AA 18pt ²	Ratio: 10.12 Passed ⁶	Ratio: 4.42 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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