

Converting Colors - WCAG Matrix

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

Hex(464744) Hex(5B5C5A) Hex(474544) Hex(2E2E2D) Hex(ADADAD) Hex(2E2E2E)

Hex(464744)		Ratio: 1.39 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.45 Failed⁵	Ratio: 4.17 AA 18pt²	Ratio: 1.45 Failed⁵
Hex(5B5C5A)	Ratio: 1.39 Failed⁵		Ratio: 1.42 Failed⁵	Ratio: 2.02 Failed⁵	Ratio: 3.00 AA 18pt²	Ratio: 2.02 Failed⁵
Hex(474544)	Ratio: 1.02 Failed⁵	Ratio: 1.42 Failed⁵		Ratio: 1.43 Failed⁵	Ratio: 4.25 AA 18pt²	Ratio: 1.42 Failed⁵
Hex(2E2E2D)	Ratio: 1.45 Failed⁵	Ratio: 2.02 Failed⁵	Ratio: 1.43 Failed⁵		Ratio: 6.06 AA¹ AAA 18pt⁴	Ratio: 1.00 Failed⁵
Hex(ADADAD)	Ratio: 4.17 AA 18pt²	Ratio: 3.00 AA 18pt²	Ratio: 4.25 AA 18pt²	Ratio: 6.06 AA¹ AAA 18pt⁴		Ratio: 6.05 AA¹ AAA 18pt⁴
Hex(2E2E2E)	Ratio: 1.45 Failed⁵	Ratio: 2.02 Failed⁵	Ratio: 1.42 Failed⁵	Ratio: 1.00 Failed⁵	Ratio: 6.05 AA¹ AAA 18pt⁴	

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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