

Converting Colors - WCAG Matrix

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

Hex(40450D) Hex(575944) Hex(45120D) Hex(2D2E21) Hex(ADADAD) Hex(2E2E2E)

	Hex(40450D)	Hex(575944)	Hex(45120D)	Hex(2D2E21)	Hex(ADADAD)	Hex(2E2E2E)
Hex(40450D)		Ratio: 1.41 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵
Hex(575944)	Ratio: 1.41 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.89 Failed ⁵
Hex(45120D)	Ratio: 1.54 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(2D2E21)	Ratio: 1.36 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 6.14 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(ADADAD)	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 3.21 AA 18pt ²	Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 6.14 AA ¹ AAA 18pt ⁴		Ratio: 6.05 AA ¹ AAA 18pt ⁴
Hex(2E2E2E)	Ratio: 1.34 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.05 AA ¹ AAA 18pt ⁴	

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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