

Converting Colors - WCAG Matrix

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

Hex(3D2B2E) Hex(4F4849) Hex(3A2B3D) Hex(292425) Hex(A8A8A8) Hex(292929)

	Hex(3D2B2E)	Hex(4F4849)	Hex(3A2B3D)	Hex(292425)	Hex(A8A8A8)	Hex(292929)
Hex(3D2B2E)		Ratio: 1.49 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(4F4849)	Ratio: 1.49 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.63 Failed ⁵
Hex(3A2B3D)	Ratio: 1.01 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(292425)	Ratio: 1.15 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(A8A8A8)	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 3.75 AA 18pt ²	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 6.43 AA ¹ AAA 18pt ⁴		Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(292929)	Ratio: 1.10 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 6.12 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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