

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(3D3329) Hex(4F4B47) Hex(3D2934) Hex(292624) Hex(A8A8A8) Hex(292929)

Hex(3D3329)		Ratio: 1.43 Failed⁵	Ratio: 1.09 Failed⁵	Ratio: 1.22 Failed⁵	Ratio: 5.18 AA¹ AAA 18pt⁴	Ratio: 1.18 Failed⁵
Hex(4F4B47)	Ratio: 1.43 Failed⁵		Ratio: 1.55 Failed⁵	Ratio: 1.74 Failed⁵	Ratio: 3.63 AA 18pt²	Ratio: 1.68 Failed⁵
Hex(3D2934)	Ratio: 1.09 Failed⁵	Ratio: 1.55 Failed⁵		Ratio: 1.12 Failed⁵	Ratio: 5.64 AA¹ AAA 18pt⁴	Ratio: 1.08 Failed⁵
Hex(292624)	Ratio: 1.22 Failed⁵	Ratio: 1.74 Failed⁵	Ratio: 1.12 Failed⁵		Ratio: 6.32 AA¹ AAA 18pt⁴	Ratio: 1.03 Failed⁵
Hex(A8A8A8)	Ratio: 5.18 AA¹ AAA 18pt⁴	Ratio: 3.63 AA 18pt²	Ratio: 5.64 AA¹ AAA 18pt⁴	Ratio: 6.32 AA¹ AAA 18pt⁴		Ratio: 6.12 AA¹ AAA 18pt⁴
Hex(292929)	Ratio: 1.18 Failed⁵	Ratio: 1.68 Failed⁵	Ratio: 1.08 Failed⁵	Ratio: 1.03 Failed⁵	Ratio: 6.12 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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