

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(492F27) Hex(5E5451) Hex(492741) Hex(302A28) Hex(B0B0B0) Hex(303030)

Hex(492F27)		Ratio: 1.67 Failed⁵	Ratio: 1.04 Failed⁵	Ratio: 1.16 Failed⁵	Ratio: 5.63 AA¹ AAA 18pt⁴	Ratio: 1.08 Failed⁵
Hex(5E5451)	Ratio: 1.67 Failed⁵		Ratio: 1.74 Failed⁵	Ratio: 1.92 Failed⁵	Ratio: 3.38 AA 18pt²	Ratio: 1.80 Failed⁵
Hex(492741)	Ratio: 1.04 Failed⁵	Ratio: 1.74 Failed⁵		Ratio: 1.11 Failed⁵	Ratio: 5.87 AA¹ AAA 18pt⁴	Ratio: 1.04 Failed⁵
Hex(302A28)	Ratio: 1.16 Failed⁵	Ratio: 1.92 Failed⁵	Ratio: 1.11 Failed⁵		Ratio: 6.51 AA¹ AAA 18pt⁴	Ratio: 1.07 Failed⁵
Hex(B0B0B0)	Ratio: 5.63 AA¹ AAA 18pt⁴	Ratio: 3.38 AA 18pt²	Ratio: 5.87 AA¹ AAA 18pt⁴	Ratio: 6.51 AA¹ AAA 18pt⁴		Ratio: 6.09 AA¹ AAA 18pt⁴
Hex(303030)	Ratio: 1.08 Failed⁵	Ratio: 1.80 Failed⁵	Ratio: 1.04 Failed⁵	Ratio: 1.07 Failed⁵	Ratio: 6.09 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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