

Converting Colors - WCAG Matrix

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

Hex(531919) Hex(6B5555) Hex(531953) Hex(362828) Hex(B5B5B5) Hex(363636)

	Hex(531919)	Hex(6B5555)	Hex(531953)	Hex(362828)	Hex(B5B5B5)	Hex(363636)
Hex(531919)		Ratio: 2.01 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.73 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(6B5555)	Ratio: 2.01 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 1.76 Failed ⁵
Hex(531953)	Ratio: 1.07 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 6.28 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(362828)	Ratio: 1.02 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 6.87 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(B5B5B5)	Ratio: 6.73 AA ¹ AAA 18pt ⁴	Ratio: 3.35 AA 18pt ²	Ratio: 6.28 AA ¹ AAA 18pt ⁴	Ratio: 6.87 AA ¹ AAA 18pt ⁴		Ratio: 5.89 AA ¹ AAA 18pt ⁴
Hex(363636)	Ratio: 1.14 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 5.89 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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