

Converting Colors - WCAG Matrix

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

Hex(215920) Hex(5D735D) Hex(595820) Hex(2D3B2D) Hex(BABABA) Hex(3B3B3B)

	Hex(215920)	Hex(5D735D)	Hex(595820)	Hex(2D3B2D)	Hex(BABABA)	Hex(3B3B3B)
Hex(215920)		Ratio: 1.62 Failed⁵	Ratio: 1.13 Failed⁵	Ratio: 1.42 Failed⁵	Ratio: 4.30 AA 18pt²	Ratio: 1.34 Failed⁵
Hex(5D735D)	Ratio: 1.62 Failed⁵		Ratio: 1.43 Failed⁵	Ratio: 2.30 Failed⁵	Ratio: 2.65 Failed⁵	Ratio: 2.17 Failed⁵
Hex(595820)	Ratio: 1.13 Failed⁵	Ratio: 1.43 Failed⁵		Ratio: 1.60 Failed⁵	Ratio: 3.81 AA 18pt²	Ratio: 1.52 Failed⁵
Hex(2D3B2D)	Ratio: 1.42 Failed⁵	Ratio: 2.30 Failed⁵	Ratio: 1.60 Failed⁵		Ratio: 6.10 AA¹ AAA 18pt⁴	Ratio: 1.06 Failed⁵
Hex(BABABA)	Ratio: 4.30 AA 18pt²	Ratio: 2.65 Failed⁵	Ratio: 3.81 AA 18pt²	Ratio: 6.10 AA¹ AAA 18pt⁴		Ratio: 5.77 AA¹ AAA 18pt⁴
Hex(3B3B3B)	Ratio: 1.34 Failed⁵	Ratio: 2.17 Failed⁵	Ratio: 1.52 Failed⁵	Ratio: 1.06 Failed⁵	Ratio: 5.77 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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