

Converting Colors - WCAG Matrix

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

Hex(1D561E) Hex(5A705A) Hex(55561D) Hex(2B382B) Hex(B8B8B8) Hex(383838)

	Hex(1D561E)	Hex(5A705A)	Hex(55561D)	Hex(2B382B)	Hex(B8B8B8)	Hex(383838)
Hex(1D561E)		Ratio: 1.62 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 4.41 AA 18pt ²	Ratio: 1.34 Failed ⁵
Hex(5A705A)	Ratio: 1.62 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(55561D)	Ratio: 1.14 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 1.53 Failed ⁵
Hex(2B382B)	Ratio: 1.41 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 6.22 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(B8B8B8)	Ratio: 4.41 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 6.22 AA ¹ AAA 18pt ⁴		Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(383838)	Ratio: 1.34 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 5.91 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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