

Converting Colors - WCAG Matrix

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

Hex(218A26) Hex(89B38B) Hex(868A21) Hex(405941) Hex(D9D9D9) Hex(595959)

	Hex(218A26)	Hex(89B38B)	Hex(868A21)	Hex(405941)	Hex(D9D9D9)	Hex(595959)
Hex(218A26)		Ratio: 1.88 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 1.58 Failed ⁵
Hex(89B38B)	Ratio: 1.88 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(868A21)	Ratio: 1.20 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(405941)	Ratio: 1.74 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 2.08 Failed ⁵		Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(D9D9D9)	Ratio: 3.15 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 5.46 AA ¹ AAA 18pt ⁴		Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(595959)	Ratio: 1.58 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.96 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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