

Converting Colors - WCAG Matrix

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

Hex(2E877E) Hex(8DB0AC) Hex(38872E) Hex(445957) Hex(D9D9D9) Hex(595959)

	Hex(2E877E)	Hex(8DB0AC)	Hex(38872E)	Hex(445957)	Hex(D9D9D9)	Hex(595959)
Hex(2E877E)		Ratio: 1.83 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.63 Failed ⁵
Hex(8DB0AC)	Ratio: 1.83 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.66 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(38872E)	Ratio: 1.04 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.56 Failed ⁵
Hex(445957)	Ratio: 1.74 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.66 Failed ⁵		Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(D9D9D9)	Ratio: 3.05 AA 18pt ²	Ratio: 1.66 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 5.29 AA ¹ AAA 18pt ⁴		Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(595959)	Ratio: 1.63 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.07 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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