

Converting Colors - WCAG Matrix

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

Hex(65918A) Hex(ACBDBA) Hex(6C9165) Hex(545E5D) Hex(DEDEDE) Hex(5E5E5E)

	Hex(65918A)	Hex(ACBDBA)	Hex(6C9165)	Hex(545E5D)	Hex(DEDEDE)	Hex(5E5E5E)
Hex(65918A)		Ratio: 1.80 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(ACBDBA)	Ratio: 1.80 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.45 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(6C9165)	Ratio: 1.02 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(545E5D)	Ratio: 1.90 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.87 Failed ⁵		Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(DEDEDE)	Ratio: 2.61 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 4.98 AA ¹ AAA 18pt ⁴		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(5E5E5E)	Ratio: 1.84 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.81 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 4.82 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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