

Converting Colors - WCAG Matrix

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

	Hex(C1B0AE)	Hex(C19E9B)	Hex(C18C88)	Hex(C17A74)	Hex(C16961)	Hex(C1574E)	Hex(C1453A)	Hex(C13427)	Hex(C12214)	Hex(C11001)
Hex(C1B0AE)		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(C19E9B)	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(C18C88)	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(C17A74)	Ratio: 1.60 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(C16961)	Ratio: 1.85 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(C1574E)	Ratio: 2.13 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(C1453A)	Ratio: 2.41 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(C13427)	Ratio: 2.66 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(C12214)	Ratio: 2.88 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(C11001)	Ratio: 3.02 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.05 Failed ⁵	

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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