

Converting Colors - WCAG Matrix

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

	Hex(A12B39)	Hex(A13B47)	Hex(A14B55)	Hex(A15B64)	Hex(A16B72)	Hex(A17C80)	Hex(A18C8E)	Hex(A19C9C)	Hex(A1ACAB)	Hex(A1BCB9)
Hex(A12B39)		Ratio: 1.11 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 3.56 AA 18pt ²
Hex(A13B47)	Ratio: 1.11 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(A14B55)	Ratio: 1.25 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(A15B64)	Ratio: 1.44 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(A16B72)	Ratio: 1.66 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(A17C80)	Ratio: 1.96 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(A18C8E)	Ratio: 2.28 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(A19C9C)	Ratio: 2.65 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(A1ACAB)	Ratio: 3.08 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵
Hex(A1BCB9)	Ratio: 3.56 AA 18pt ²	Ratio: 3.22 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 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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