

Converting Colors - WCAG Matrix

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

	Hex(A13124)	Hex(A13F34)	Hex(A14E44)	Hex(A15C54)	Hex(A16B64)	Hex(A17975)	Hex(A18885)	Hex(A19695)	Hex(A1A4A5)	Hex(A1B3B5)
Hex(A13124)		Ratio: 1.10 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(A13F34)	Ratio: 1.10 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(A14E44)	Ratio: 1.24 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(A15C54)	Ratio: 1.40 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(A16B64)	Ratio: 1.61 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(A17975)	Ratio: 1.85 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(A18885)	Ratio: 2.14 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(A19695)	Ratio: 2.45 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(A1A4A5)	Ratio: 2.81 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(A1B3B5)	Ratio: 3.23 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 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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