

Converting Colors - WCAG Matrix

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

	Hex(A33187)	Hex(A3418B)	Hex(A3528F)	Hex(A36293)	Hex(A37297)	Hex(A3839B)	Hex(A3939F)	Hex(A3A3A3)	Hex(A3B3A7)	Hex(A3C4AB)
Hex(A33187)		Ratio: 1.10 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(A3418B)	Ratio: 1.10 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A3528F)	Ratio: 1.24 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(A36293)	Ratio: 1.41 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(A37297)	Ratio: 1.62 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(A3839B)	Ratio: 1.88 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(A3939F)	Ratio: 2.16 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(A3A3A3)	Ratio: 2.49 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(A3B3A7)	Ratio: 2.86 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(A3C4AB)	Ratio: 3.30 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.33 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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