

Converting Colors - WCAG Matrix

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

	Hex(C3268D)	Hex(C33994)	Hex(C34D9A)	Hex(C360A1)	Hex(C374A8)	Hex(C388AF)	Hex(C39BB5)	Hex(C3AFBC)	Hex(C3C2C3)	Hex(C3D6C9)
Hex(C3268D)		Ratio: 1.09 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(C33994)	Ratio: 1.09 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(C34D9A)	Ratio: 1.22 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.84 Failed ⁵
Hex(C360A1)	Ratio: 1.38 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(C374A8)	Ratio: 1.60 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(C388AF)	Ratio: 1.87 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(C39BB5)	Ratio: 2.18 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(C3AFBC)	Ratio: 2.56 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(C3C2C3)	Ratio: 2.97 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵
Hex(C3D6C9)	Ratio: 3.46 AA 18pt ²	Ratio: 3.18 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.17 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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