

Converting Colors - WCAG Matrix

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

	Hex(CD51BF)	Hex(CD65C1)	Hex(CD7AC4)	Hex(CD8FC6)	Hex(CDA3C8)	Hex(CDB8CB)	Hex(CDCCCD)	Hex(CDE0CF)	Hex(CDF5D2)	Hex(CDFFD4)
Hex(CD51BF)		Ratio: 1.13 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 3.41 AA 18pt ²
Hex(CD65C1)	Ratio: 1.13 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(CD7AC4)	Ratio: 1.30 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(CD8FC6)	Ratio: 1.51 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(CDA3C8)	Ratio: 1.75 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(CDB8CB)	Ratio: 2.05 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(CDCCCD)	Ratio: 2.37 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(CDE0CF)	Ratio: 2.74 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(CDF5D2)	Ratio: 3.18 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(CDFFD4)	Ratio: 3.41 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.07 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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