

Converting Colors - WCAG Matrix

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

	Hex(DCD7D1)	Hex(DCCDBB)	Hex(DCC3A5)	Hex(DCB98F)	Hex(DCAF79)	Hex(DCA563)	Hex(DC9B4D)	Hex(DC9137)	Hex(DC8721)	Hex(DC7D0B)
Hex(DCD7D1)		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(DCCDBB)	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(DCC3A5)	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(DCB98F)	Ratio: 1.29 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(DCAF79)	Ratio: 1.41 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(DCA563)	Ratio: 1.53 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(DC9B4D)	Ratio: 1.66 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(DC9137)	Ratio: 1.80 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(DC8721)	Ratio: 1.95 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(DC7D0B)	Ratio: 2.10 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.08 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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