

Converting Colors - WCAG Matrix

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

	Hex(D4A572)	Hex(D4AF87)	Hex(D4B99C)	Hex(D4C4B2)	Hex(D4CEC7)	Hex(D4D8DC)	Hex(D4E2F1)	Hex(D4ECFF)	Hex(D4F6FF)	Hex(D4FFFF)
Hex(D4A572)		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(D4AF87)	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(D4B99C)	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(D4C4B2)	Ratio: 1.31 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(D4CEC7)	Ratio: 1.43 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(D4D8DC)	Ratio: 1.56 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(D4E2F1)	Ratio: 1.69 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(D4ECFF)	Ratio: 1.83 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(D4F6FF)	Ratio: 1.96 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(D4FFFF)	Ratio: 2.07 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 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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