

Converting Colors - WCAG Matrix

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

	Hex(DD6752)	Hex(DD7A68)	Hex(DD8D7E)	Hex(DD9F94)	Hex(DDB2AA)	Hex(DDC5C1)	Hex(DDD8D7)	Hex(DDE9ED)	Hex(DDFBFF)	Hex(DDFFFF)
Hex(DD6752)		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 3.23 AA 18pt ²
Hex(DD7A68)	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(DD8D7E)	Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(DD9F94)	Ratio: 1.54 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(DDB2AA)	Ratio: 1.80 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(DDC5C1)	Ratio: 2.09 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(DDD8D7)	Ratio: 2.42 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(DDE9ED)	Ratio: 2.76 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(DDFBFF)	Ratio: 3.15 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(DDFFFF)	Ratio: 3.23 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.03 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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