

Converting Colors - WCAG Matrix

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

	Hex(D684AA)	Hex(D699B5)	Hex(D6AFC1)	Hex(D6C4CC)	Hex(D6DAD8)	Hex(D6EFE3)	Hex(D6FFEF)	Hex(D6FFFA)	Hex(D6FFFF)
Hex(D684AA)		Ratio: 1.17 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(D699B5)	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(D6AFC1)	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(D6C4CC)	Ratio: 1.63 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(D6DAD8)	Ratio: 1.92 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(D6EFE3)	Ratio: 2.24 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(D6FFEF)	Ratio: 2.51 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(D6FFFA)	Ratio: 2.52 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(D6FFFF)	Ratio: 2.53 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.00 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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