

Converting Colors - WCAG Matrix

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

	Hex(D66B86)	Hex(D68096)	Hex(D696A6)	Hex(D6ABB6)	Hex(D6C1C6)	Hex(D6D6D6)	Hex(D6EBE6)	Hex(D6FFF6)	Hex(D6FFFF)
Hex(D66B86)		Ratio: 1.17 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 3.11 AA 18pt ²
Hex(D68096)	Ratio: 1.17 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(D696A6)	Ratio: 1.39 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(D6ABB6)	Ratio: 1.64 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(D6C1C6)	Ratio: 1.95 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(D6D6D6)	Ratio: 2.29 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(D6EBE6)	Ratio: 2.68 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(D6FFF6)	Ratio: 3.09 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(D6FFFF)	Ratio: 3.11 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.01 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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