

Converting Colors - WCAG Matrix

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

Hex(006DD6) Hex(B3D8FF) Hex(00D668) Hex(526880) Hex(000000) Hex(808080)

	Hex(006DD6)	Hex(B3D8FF)	Hex(00D668)	Hex(526880)	Hex(000000)	Hex(808080)
Hex(006DD6)		Ratio: 3.41 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 1.28 Failed ⁵
Hex(B3D8FF)	Ratio: 3.41 AA 18pt ²		Ratio: 1.31 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 14.18 Passed ⁶	Ratio: 2.67 Failed ⁵
Hex(00D668)	Ratio: 2.60 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 2.96 Failed ⁵	Ratio: 10.82 Passed ⁶	Ratio: 2.03 Failed ⁵
Hex(526880)	Ratio: 1.14 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 2.96 Failed ⁵		Ratio: 3.65 AA 18pt ²	Ratio: 1.46 Failed ⁵
Hex(000000)	Ratio: 4.16 AA 18pt ²	Ratio: 14.18 Passed ⁶	Ratio: 10.82 Passed ⁶	Ratio: 3.65 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.28 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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