

Converting Colors - WCAG Matrix

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

Hex(00DB05) Hex(B3FFB4) Hex(D7DB00) Hex(528053) Hex(000000) Hex(808080)

	Hex(00DB05)	Hex(B3FFB4)	Hex(D7DB00)	Hex(528053)	Hex(000000)	Hex(808080)
Hex(00DB05)		Ratio: 1.61 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 11.13 Passed ⁶	Ratio: 2.09 Failed ⁵
Hex(B3FFB4)	Ratio: 1.61 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 17.88 Passed ⁶	Ratio: 3.36 AA 18pt ²
Hex(D7DB00)	Ratio: 1.26 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 3.07 AA 18pt ²	Ratio: 14.02 Passed ⁶	Ratio: 2.64 Failed ⁵
Hex(528053)	Ratio: 2.44 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 3.07 AA 18pt ²		Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(000000)	Ratio: 11.13 Passed ⁶	Ratio: 17.88 Passed ⁶	Ratio: 14.02 Passed ⁶	Ratio: 4.57 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.09 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 1.16 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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