

Converting Colors - WCAG Matrix

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

Hex(00E5DB) Hex(B3FFFB) Hex(0BE500) Hex(52807C) Hex(000000) Hex(808080)

	Hex(00E5DB)	Hex(B3FFFB)	Hex(0BE500)	Hex(52807C)	Hex(000000)	Hex(808080)
Hex(00E5DB)		Ratio: 1.41 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 13.23 Passed ⁶	Ratio: 2.49 Failed ⁵
Hex(B3FFFB)	Ratio: 1.41 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 18.61 Passed ⁶	Ratio: 3.50 AA 18pt ²
Hex(0BE500)	Ratio: 1.08 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 2.58 Failed ⁵	Ratio: 12.22 Passed ⁶	Ratio: 2.30 Failed ⁵
Hex(52807C)	Ratio: 2.79 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 2.58 Failed ⁵		Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(000000)	Ratio: 13.23 Passed ⁶	Ratio: 18.61 Passed ⁶	Ratio: 12.22 Passed ⁶	Ratio: 4.74 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.49 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 1.12 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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