

Converting Colors - WCAG Matrix

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

Hex(85FFB0) Hex(DBFFE9) Hex(D4FF85) Hex(6A8072) Hex(000000) Hex(808080)

	Hex(85FFB0)	Hex(DBFFE9)	Hex(D4FF85)	Hex(6A8072)	Hex(000000)	Hex(808080)
Hex(85FFB0)		Ratio: 1.15 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 16.93 Passed ⁶	Ratio: 3.18 AA 18pt ²
Hex(DBFFE9)	Ratio: 1.15 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 19.49 Passed ⁶	Ratio: 3.67 AA 18pt ²
Hex(D4FF85)	Ratio: 1.09 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 3.73 AA 18pt ²	Ratio: 18.44 Passed ⁶	Ratio: 3.47 AA 18pt ²
Hex(6A8072)	Ratio: 3.42 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 3.73 AA 18pt ²		Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 16.93 Passed ⁶	Ratio: 19.49 Passed ⁶	Ratio: 18.44 Passed ⁶	Ratio: 4.94 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.18 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 3.47 AA 18pt ²	Ratio: 1.08 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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