

Converting Colors - WCAG Matrix

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

Hex(60E289) Hex(D4FFE1) Hex(BBE260) Hex(66806E) Hex(000000) Hex(808080)

	Hex(60E289)	Hex(D4FFE1)	Hex(BBE260)	Hex(66806E)	Hex(000000)	Hex(808080)
Hex(60E289)		Ratio: 1.51 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 12.74 Passed ⁶	Ratio: 2.40 Failed ⁵
Hex(D4FFE1)	Ratio: 1.51 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 19.19 Passed ⁶	Ratio: 3.61 AA 18pt ²
Hex(BBE260)	Ratio: 1.11 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 2.90 Failed ⁵	Ratio: 14.16 Passed ⁶	Ratio: 2.66 Failed ⁵
Hex(66806E)	Ratio: 2.61 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 2.90 Failed ⁵		Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(000000)	Ratio: 12.74 Passed ⁶	Ratio: 19.19 Passed ⁶	Ratio: 14.16 Passed ⁶	Ratio: 4.88 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.40 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 1.09 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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