

Converting Colors - WCAG Matrix

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

	Hex(CDE8CD)	Hex(B6E8B6)	Hex(9FE89F)	Hex(87E887)	Hex(70E870)	Hex(59E859)	Hex(42E842)	Hex(2BE82B)	Hex(13E813)	Hex(00E800)
Hex(CDE8CD)		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(B6E8B6)	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(9FE89F)	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(87E887)	Ratio: 1.15 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(70E870)	Ratio: 1.19 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(59E859)	Ratio: 1.22 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(42E842)	Ratio: 1.25 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(2BE82B)	Ratio: 1.26 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(13E813)	Ratio: 1.27 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(00E800)	Ratio: 1.28 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵	

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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