

Converting Colors - WCAG Matrix

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

	Hex(26D100)	Hex(00B500)	Hex(009900)	Hex(007E00)	Hex(006300)	Hex(004900)	Hex(003100)	Hex(001500)	Hex(000000)
Hex(26D100)		Ratio: 1.34 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 7.09 Passed ⁶	Ratio: 9.21 Passed ⁶	Ratio: 10.20 Passed ⁶
Hex(00B500)	Ratio: 1.34 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 6.87 AA ¹ AAA 18pt ⁴	Ratio: 7.61 Passed ⁶
Hex(009900)	Ratio: 1.84 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 5.56 AA ¹ AAA 18pt ⁴
Hex(007E00)	Ratio: 2.56 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 3.98 AA 18pt ²
Hex(006300)	Ratio: 3.66 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(004900)	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 3.90 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(003100)	Ratio: 7.09 Passed ⁶	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 3.86 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(001500)	Ratio: 9.21 Passed ⁶	Ratio: 6.87 AA ¹ AAA 18pt ⁴	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 3.60 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(000000)	Ratio: 10.20 Passed ⁶	Ratio: 7.61 Passed ⁶	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 3.98 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.11 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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