

Converting Colors - WCAG Matrix

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

Hex(629D4C) Hex(488333) Hex(2D691B) Hex(0F5000) Hex(003900) Hex(002400) Hex(000000)

	Hex(629D4C)	Hex(488333)	Hex(2D691B)	Hex(0F5000)	Hex(003900)	Hex(002400)	Hex(000000)
Hex(629D4C)		Ratio: 1.41 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 6.45 AA ¹ AAA 18pt ⁴
Hex(488333)	Ratio: 1.41 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 4.57 AA ¹ AAA 18pt ⁴
Hex(2D691B)	Ratio: 2.05 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(0F5000)	Ratio: 2.97 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(003900)	Ratio: 4.07 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(002400)	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 3.65 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.25 Failed ⁵
Hex(000000)	Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 3.15 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.25 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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