

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(3B5418) Hex(466E0F) Hex(1E5418) Hex(272925) Hex(3D6900) Hex(87E800)

	Hex(3B5418)	Hex(466E0F)	Hex(1E5418)	Hex(272925)	Hex(3D6900)	Hex(87E800)
Hex(3B5418)		Ratio: 1.42 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(466E0F)	Ratio: 1.42 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.88 AA 18pt ²
Hex(1E5418)	Ratio: 1.06 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 5.81 AA ¹ AAA 18pt ⁴
Hex(272925)	Ratio: 1.73 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 2.25 Failed ⁵	Ratio: 9.49 Passed ⁶
Hex(3D6900)	Ratio: 1.30 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.25 Failed ⁵		Ratio: 4.22 AA 18pt ²
Hex(87E800)	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 3.88 AA 18pt ²	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 9.49 Passed ⁶	Ratio: 4.22 AA 18pt ²	

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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