

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(569244) Hex(60BD44) Hex(449259) Hex(444A43) Hex(208A00) Hex(020A00)

	Hex(569244)	Hex(60BD44)	Hex(449259)	Hex(444A43)	Hex(208A00)	Hex(020A00)
Hex(569244)		Ratio: 1.58 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 5.34 AA ¹ AAA 18pt ⁴
Hex(60BD44)	Ratio: 1.58 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 1.89 Failed ⁵	Ratio: 8.47 Passed ⁶
Hex(449259)	Ratio: 1.02 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 2.39 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(444A43)	Ratio: 2.42 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 2.39 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(208A00)	Ratio: 1.19 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 4.49 AA 18pt ²
Hex(020A00)	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 8.47 Passed ⁶	Ratio: 5.26 AA ¹ AAA 18pt ⁴	Ratio: 2.20 Failed ⁵	Ratio: 4.49 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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