

Converting Colors - WCAG Matrix

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

Hex(565059) Hex(3F3942) Hex(29242C) Hex(150F17) Hex(FFFFFF)

	Hex(565059)	Hex(3F3942)	Hex(29242C)	Hex(150F17)	Hex(FFFFFF)
Hex(565059)		Ratio: 1.43 Failed⁵	Ratio: 1.94 Failed⁵	Ratio: 2.42 Failed⁵	Ratio: 7.81 Passed⁶
Hex(3F3942)	Ratio: 1.43 Failed⁵		Ratio: 1.36 Failed⁵	Ratio: 1.69 Failed⁵	Ratio: 11.20 Passed⁶
Hex(29242C)	Ratio: 1.94 Failed⁵	Ratio: 1.36 Failed⁵		Ratio: 1.24 Failed⁵	Ratio: 15.18 Passed⁶
Hex(150F17)	Ratio: 2.42 Failed⁵	Ratio: 1.69 Failed⁵	Ratio: 1.24 Failed⁵		Ratio: 18.87 Passed⁶
Hex(FFFFFF)	Ratio: 7.81 Passed⁶	Ratio: 11.20 Passed⁶	Ratio: 15.18 Passed⁶	Ratio: 18.87 Passed⁶	

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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