

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(754D5D) Hex(5C3645) Hex(44202F) Hex(2D0B1A) Hex(150000) Hex(000000)

	Hex(754D5D)	Hex(5C3645)	Hex(44202F)	Hex(2D0B1A)	Hex(150000)	Hex(000000)
Hex(754D5D)		Ratio: 1.44 <small>Failed⁵</small>	Ratio: 1.99 <small>Failed⁵</small>	Ratio: 2.53 <small>Failed⁵</small>	Ratio: 2.88 <small>Failed⁵</small>	Ratio: 2.98 <small>Failed⁵</small>
Hex(5C3645)	Ratio: 1.44 <small>Failed⁵</small>		Ratio: 1.39 <small>Failed⁵</small>	Ratio: 1.76 <small>Failed⁵</small>	Ratio: 2.00 <small>Failed⁵</small>	Ratio: 2.07 <small>Failed⁵</small>
Hex(44202F)	Ratio: 1.99 <small>Failed⁵</small>	Ratio: 1.39 <small>Failed⁵</small>		Ratio: 1.27 <small>Failed⁵</small>	Ratio: 1.45 <small>Failed⁵</small>	Ratio: 1.49 <small>Failed⁵</small>
Hex(2D0B1A)	Ratio: 2.53 <small>Failed⁵</small>	Ratio: 1.76 <small>Failed⁵</small>	Ratio: 1.27 <small>Failed⁵</small>		Ratio: 1.14 <small>Failed⁵</small>	Ratio: 1.17 <small>Failed⁵</small>
Hex(150000)	Ratio: 2.88 <small>Failed⁵</small>	Ratio: 2.00 <small>Failed⁵</small>	Ratio: 1.45 <small>Failed⁵</small>	Ratio: 1.14 <small>Failed⁵</small>		Ratio: 1.03 <small>Failed⁵</small>
Hex(000000)	Ratio: 2.98 <small>Failed⁵</small>	Ratio: 2.07 <small>Failed⁵</small>	Ratio: 1.49 <small>Failed⁵</small>	Ratio: 1.17 <small>Failed⁵</small>	Ratio: 1.03 <small>Failed⁵</small>	

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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