

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(624555) Hex(80526B) Hex(456260) Hex(302C2E) Hex(70003E) Hex(F00084)

	Hex(624555)	Hex(80526B)	Hex(456260)	Hex(302C2E)	Hex(70003E)	Hex(F00084)
Hex(624555)		Ratio: 1.33 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(80526B)	Ratio: 1.33 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(456260)	Ratio: 1.27 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(302C2E)	Ratio: 1.64 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(70003E)	Ratio: 1.42 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.86 Failed ⁵
Hex(F00084)	Ratio: 2.01 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 2.86 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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