

Converting Colors - WCAG Matrix

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

Hex(3E594D) Hex(274237) Hex(112C21) Hex(00180B) Hex(000000)

| | Hex(3E594D) | Hex(274237) | Hex(112C21) | Hex(00180B) | Hex(000000) |
|-------------|---|---|---|---|---|
| Hex(3E594D) | | Ratio: 1.43 Failed⁵ | Ratio: 1.95 Failed⁵ | Ratio: 2.41 Failed⁵ | Ratio: 2.74 Failed⁵ |
| Hex(274237) | Ratio: 1.43 Failed⁵ | | Ratio: 1.37 Failed⁵ | Ratio: 1.69 Failed⁵ | Ratio: 1.92 Failed⁵ |
| Hex(112C21) | Ratio: 1.95 Failed⁵ | Ratio: 1.37 Failed⁵ | | Ratio: 1.24 Failed⁵ | Ratio: 1.41 Failed⁵ |
| Hex(00180B) | Ratio: 2.41 Failed⁵ | Ratio: 1.69 Failed⁵ | Ratio: 1.24 Failed⁵ | | Ratio: 1.14 Failed⁵ |
| Hex(000000) | Ratio: 2.74 Failed⁵ | Ratio: 1.92 Failed⁵ | Ratio: 1.41 Failed⁵ | Ratio: 1.14 Failed⁵ | |

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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