

Converting Colors - WCAG Matrix

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

Hex(5B4E5E) Hex(433747) Hex(2D2230) Hex(190C1C) Hex(000000)

| | Hex(5B4E5E) | Hex(433747) | Hex(2D2230) | Hex(190C1C) | Hex(000000) |
|-------------|---|---|---|---|---|
| Hex(5B4E5E) | | Ratio: 1.44 Failed⁵ | Ratio: 1.95 Failed⁵ | Ratio: 2.43 Failed⁵ | Ratio: 2.70 Failed⁵ |
| Hex(433747) | Ratio: 1.44 Failed⁵ | | Ratio: 1.36 Failed⁵ | Ratio: 1.69 Failed⁵ | Ratio: 1.88 Failed⁵ |
| Hex(2D2230) | Ratio: 1.95 Failed⁵ | Ratio: 1.36 Failed⁵ | | Ratio: 1.25 Failed⁵ | Ratio: 1.38 Failed⁵ |
| Hex(190C1C) | Ratio: 2.43 Failed⁵ | Ratio: 1.69 Failed⁵ | Ratio: 1.25 Failed⁵ | | Ratio: 1.11 Failed⁵ |
| Hex(000000) | Ratio: 2.70 Failed⁵ | Ratio: 1.88 Failed⁵ | Ratio: 1.38 Failed⁵ | Ratio: 1.11 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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