

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(C75D6C) Hex(FF5C74) Hex(5DA2C7) Hex(635A5B) Hex(A30018) Hex(240005)

| | Hex(C75D6C) | Hex(FF5C74) | Hex(5DA2C7) | Hex(635A5B) | Hex(A30018) | Hex(240005) |
|-------------|---|---|---|--|--|---|
| Hex(C75D6C) | | Ratio: 1.35 Failed ⁵ | Ratio: 1.43 Failed ⁵ | Ratio: 1.66 Failed ⁵ | Ratio: 2.03 Failed ⁵ | Ratio: 4.84 AA ¹ AAA 18pt ⁴ |
| Hex(FF5C74) | Ratio: 1.35 Failed ⁵ | | Ratio: 1.06 Failed ⁵ | Ratio: 2.24 Failed ⁵ | Ratio: 2.74 Failed ⁵ | Ratio: 6.53 AA ¹ AAA 18pt ⁴ |
| Hex(5DA2C7) | Ratio: 1.43 Failed ⁵ | Ratio: 1.06 Failed ⁵ | | Ratio: 2.37 Failed ⁵ | Ratio: 2.90 Failed ⁵ | Ratio: 6.92 AA ¹ AAA 18pt ⁴ |
| Hex(635A5B) | Ratio: 1.66 Failed ⁵ | Ratio: 2.24 Failed ⁵ | Ratio: 2.37 Failed ⁵ | | Ratio: 1.22 Failed ⁵ | Ratio: 2.92 Failed ⁵ |
| Hex(A30018) | Ratio: 2.03 Failed ⁵ | Ratio: 2.74 Failed ⁵ | Ratio: 2.90 Failed ⁵ | Ratio: 1.22 Failed ⁵ | | Ratio: 2.39 Failed ⁵ |
| Hex(240005) | Ratio: 4.84 AA ¹ AAA 18pt ⁴ | Ratio: 6.53 AA ¹ AAA 18pt ⁴ | Ratio: 6.92 AA ¹ AAA 18pt ⁴ | Ratio: 2.92 Failed ⁵ | Ratio: 2.39 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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