

Converting Colors - WCAG Matrix

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

Hex(DE82C4) Hex(FF80DB) Hex(DEC982) Hex(70656D) Hex(B0007E) Hex(300023)

	Hex(DE82C4)	Hex(FF80DB)	Hex(DEC982)	Hex(70656D)	Hex(B0007E)	Hex(300023)
Hex(DE82C4)		Ratio: 1.16 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 7.04 Passed ⁶
Hex(FF80DB)	Ratio: 1.16 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 8.14 Passed ⁶
Hex(DEC982)	Ratio: 1.58 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 3.39 AA 18pt ²	Ratio: 4.06 AA 18pt ²	Ratio: 11.12 Passed ⁶
Hex(70656D)	Ratio: 2.15 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.39 AA 18pt ²		Ratio: 1.20 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(B0007E)	Ratio: 2.57 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 1.20 Failed ⁵		Ratio: 2.74 Failed ⁵
Hex(300023)	Ratio: 7.04 Passed ⁶	Ratio: 8.14 Passed ⁶	Ratio: 11.12 Passed ⁶	Ratio: 3.28 AA 18pt ²	Ratio: 2.74 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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