

Converting Colors - WCAG Matrix

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

	Hex(DB7586)	Hex(DB8B98)	Hex(DBA0AA)	Hex(DBB6BD)	Hex(DBCCCF)	Hex(DBE2E1)	Hex(DBF8F3)	Hex(DBFFFF)
Hex(DB7586)		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(DB8B98)	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(DBA0AA)	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(DBB6BD)	Ratio: 1.66 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(DBCCCF)	Ratio: 1.96 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(DBE2E1)	Ratio: 2.32 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(DBF8F3)	Ratio: 2.71 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(DBFFFF)	Ratio: 2.86 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.05 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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