

# Converting Colors - WCAG Matrix

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

Hex(D9CCEC) Hex(E7D6FF) Hex(E9CCEC) Hex(6E6A75) Hex(4A00B5) Hex(160036)

	Hex(D9CCEC)	Hex(E7D6FF)	Hex(E9CCEC)	Hex(6E6A75)	Hex(4A00B5)	Hex(160036)
Hex(D9CCEC)		<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.47</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 7.05</a> Passed <sup>6</sup>	<a href="#">Ratio: 12.69</a> Passed <sup>6</sup>
Hex(E7D6FF)	<a href="#">Ratio: 1.12</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.08</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.88</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 7.89</a> Passed <sup>6</sup>	<a href="#">Ratio: 14.22</a> Passed <sup>6</sup>
Hex(E9CCEC)	<a href="#">Ratio: 1.04</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.08</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.59</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 7.31</a> Passed <sup>6</sup>	<a href="#">Ratio: 13.16</a> Passed <sup>6</sup>
Hex(6E6A75)	<a href="#">Ratio: 3.47</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.88</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.59</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 2.03</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.66</a> AA 18pt <sup>2</sup>
Hex(4A00B5)	<a href="#">Ratio: 7.05</a> Passed <sup>6</sup>	<a href="#">Ratio: 7.89</a> Passed <sup>6</sup>	<a href="#">Ratio: 7.31</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.03</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.80</a> Failed <sup>5</sup>
Hex(160036)	<a href="#">Ratio: 12.69</a> Passed <sup>6</sup>	<a href="#">Ratio: 14.22</a> Passed <sup>6</sup>	<a href="#">Ratio: 13.16</a> Passed <sup>6</sup>	<a href="#">Ratio: 3.66</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.80</a> Failed <sup>5</sup>	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

<sup>1</sup> AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>2</sup> AA 18pt

AA level for large text above 18pt.

<sup>3</sup> AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>4</sup> AAA 18pt

AAA level for large text above 18pt.

<sup>5</sup> Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

<sup>6</sup> Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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