

# Converting Colors - WCAG Matrix

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

Hex(DCB7DD) Hex(FEC9FF) Hex(DDB7CB) Hex(6D636E) Hex(A900AD) Hex(2D002E)

	Hex(DCB7DD)	Hex(FEC9FF)	Hex(DDB7CB)	Hex(6D636E)	Hex(A900AD)	Hex(2D002E)
Hex(DCB7DD)		<a href="#">Ratio: 1.27</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.24</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.60</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 10.30</a> Passed <sup>6</sup>
Hex(FEC9FF)	<a href="#">Ratio: 1.27</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.28</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.10</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.56</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 13.04</a> Passed <sup>6</sup>
Hex(DDB7CB)	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.28</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.20</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.56</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 10.17</a> Passed <sup>6</sup>
Hex(6D636E)	<a href="#">Ratio: 3.24</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.10</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.20</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.18</a> AA 18pt <sup>2</sup>
Hex(A900AD)	<a href="#">Ratio: 3.60</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.56</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 3.56</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.11</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.86</a> Failed <sup>5</sup>
Hex(2D002E)	<a href="#">Ratio: 10.30</a> Passed <sup>6</sup>	<a href="#">Ratio: 13.04</a> Passed <sup>6</sup>	<a href="#">Ratio: 10.17</a> Passed <sup>6</sup>	<a href="#">Ratio: 3.18</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.86</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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