

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(D76199) Hex(FF57A7) Hex(D76361) Hex(6B6065) Hex(AB0051) Hex(2B0015)**

	Hex(D76199)	Hex(FF57A7)	Hex(D76361)	Hex(6B6065)	Hex(AB0051)	Hex(2B0015)
Hex(D76199)		<a href="#">Ratio: 1.18</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.04</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.74</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.13</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.44</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(FF57A7)	<a href="#">Ratio: 1.18</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.23</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.06</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.52</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 6.44</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(D76361)	<a href="#">Ratio: 1.04</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.23</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.68</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.05</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 5.25</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>
Hex(6B6065)	<a href="#">Ratio: 1.74</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.06</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.68</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 1.22</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 3.13</a> <a href="#">AA 18pt</a> <sup>2</sup>
Hex(AB0051)	<a href="#">Ratio: 2.13</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.52</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 2.05</a> <a href="#">Failed</a> <sup>5</sup>	<a href="#">Ratio: 1.22</a> <a href="#">Failed</a> <sup>5</sup>		<a href="#">Ratio: 2.56</a> <a href="#">Failed</a> <sup>5</sup>
Hex(2B0015)	<a href="#">Ratio: 5.44</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 6.44</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 5.25</a> <a href="#">AA</a> <sup>1</sup> <a href="#">AAA 18pt</a> <sup>4</sup>	<a href="#">Ratio: 3.13</a> <a href="#">AA 18pt</a> <sup>2</sup>	<a href="#">Ratio: 2.56</a> <a href="#">Failed</a> <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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