

Converting Colors

CIELCh(51, 84.627, 335.806)

Have a look what the booklet for
CIELCh(51, 84.627, 335.806)
contains.

CIELCh(51, 84.546, 335.787)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(51, 84.546, 335.787)

Conversions

Conversions Part 1

Format	Color
Hex	D726B6
RGB	215, 38, 182
RGB Percent	84%, 15%, 71%
CMY	0.1561, 0.8497, 0.2856
CMYK	0.00, 0.82, 0.15, 0.16
HSL	311°, 70%, 50%
HSV	311°, 82%, 84%
XYZ	37.2495, 19.2686, 46.1117
YIQ	107.3390, 59.2680, 82.3080

Conversions

Conversions Part 2

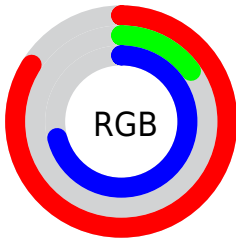
Format	Color
R _Y B	215, 38, 182
Decimal	14100150
CIE Lab	51.00, 77.11, -34.67
CIE LCh	51, 84.546, 335.787
Yxy	19.2686, 0.3630, 0.1877
Android (android.graphics.Color)	4292290230 (0xFFD726B6)
YUV	107.3390, 36.8079, 94.4187
Hunter-Lab	43.8960, 74.6543, -31.5555

Details

The CIELCh color **51, 84.546, 335.787** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **76, 90.093, 140.859**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 82.059, 331.178**, and **35, 70.074, 336.433** is the 20% darker color. If you saturate the color by 10%, you get **50, 87.197, 336.691**, and if you desaturate by 10%, it is **53, 79.285, 334.973**.

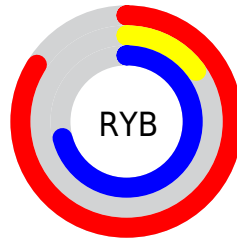
Distribution



Red (84%)

Green (15%)

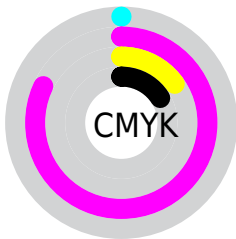
Blue (71%)



Red (84%)

Yellow (15%)

Blue (71%)

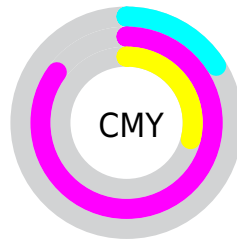


Cyan (0%)

Magenta (82%)

Yellow (15%)

Black (16%)



Cyan (16%)


Magenta (85%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 84.546, 335.787 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 51, 84.546, 335.787 by changing the saturation by 10% instead.

 51, 84.546,
335.787

 51, 84.546,
335.787

 100, 84.546,
335.787


 41, 84.546,
335.787


 71, 84.546,
335.787

 31, 84.546,
335.787

 81, 84.546,
335.787

 21, 84.546,
335.787

 91, 84.546,
335.787

 11, 84.546,
335.787

 1, 84.546, 335.787

 0, 84.546, 335.787

■ 51, 84.546,
335.787

■ 51, 84.546,
335.787

■ 50, 87.197,
336.691

■ 53, 79.285,
334.973

■ 49, 87.813,
337.467

■ 56, 71.643,
334.216

■ 60, 62.089,
333.494

■ 64, 51.173,
332.795

■ 69, 39.409,
332.114

■ 74, 27.215,
331.449

■ 79, 14.898,
330.798

■ 85, 2.667, 330.081

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51, 84.546, 335.787



76, 90.093, 140.859

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51, 84.546, 335.787



51, 84.546, 25.787



51, 84.546, 155.787



51, 84.546, 205.787

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51, 84.543, 335.787



85, 35.183, 331.650



33, 103.650, 306.276



43, 23.991, 331.886



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51, 84.543, 335.787



58, 99.642, 337.472



48, 69.512, 11.233



42, 6.895, 330.618



39, 74.098, 337.292



6, 28.726, 335.252

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



51, 84.543, 335.787



58, 99.642, 337.472



77, 57.547, 164.069



42, 6.895, 330.618



39, 74.098, 337.292



6, 28.726, 335.252

Previews

White Background



This preview shows how the CIELCh color 51, 84.546, 335.787 looks on a white background.

Color Contrast Check

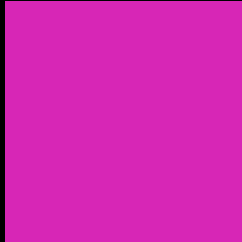
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 51, 84.546, 335.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

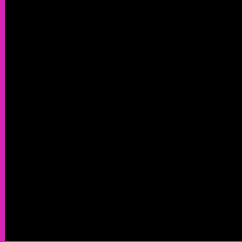
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 84.546, 335.787

Background



This preview shows how black text looks on a background with the CIELCh color 51, 84.546, 335.787.

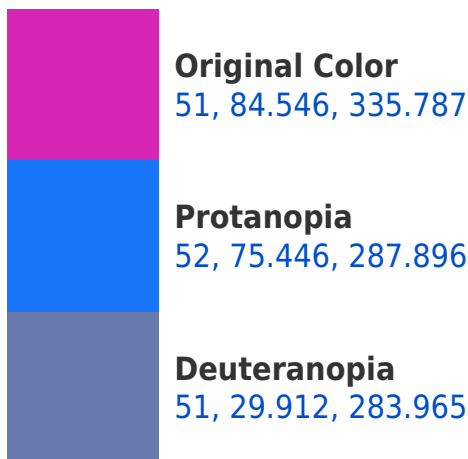


This preview shows how white text looks on a background with the CIELCh color 51, 84.546, 335.787.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
51, 56.458, 25.358

Trichromacy



Original Color
51, 84.546, 335.787



Protanomaly
46, 79.332, 300.601



Deuteranomaly
48, 52.707, 315.710



Tritanomaly
50, 60.702, 1.488

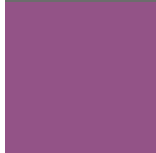
Monochromacy



Original Color
51, 84.546, 335.787



Achromatopsia
46, 0.006, 296.813



Achromatomaly
44, 38.677, 332.836

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 84.546, 335.787 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(215, 38, 182)` looks like.

```
.text, #text, p{  
    color:rgb(215, 38, 182)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(215, 38, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 38, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 84.546, 335.787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

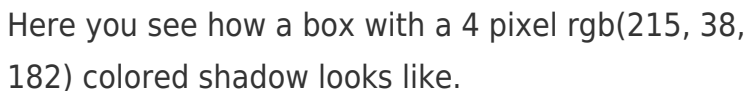
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 38, 182) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(215, 38, 182) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(215, 38, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 38, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 38, 182);  
box-shadow:4px 4px 4px 4px rgb(215, 38,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 84.546, 335.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 38, 182) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(215, 38,  
182) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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