

Converting Colors

CIELCh(51, 67.410, 334.217)

Have a look what the booklet for
CIELCh(51, 67.410, 334.217)
contains.

CIELCh(51, 67.410, 334.217)	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, 67.410, 334.217)

Conversions

Conversions Part 1	
Format	Color
Hex	C448AD
RGB	196, 72, 173
RGB Percent	77%, 28%, 68%
CMY	0.2329, 0.7192, 0.3230
CMYK	0.00, 0.63, 0.12, 0.23
HSL	311°, 51%, 52%
HSV	311°, 63%, 77%
XYZ	32.4595, 19.2686, 41.3542
YIQ	120.5900, 41.4830, 57.6990

Conversions

Conversions Part 2

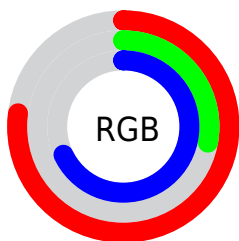
Format	Color
RYB	196, 72, 173
Decimal	12863661
CIELab	51.00, 60.70, -29.32
CIELCh	51, 67.410, 334.217
Yxy	19.2686, 0.3487, 0.2070
Android (android.graphics.Color)	4291053741 (0xFFC448AD)
YUV	120.5900, 25.8381, 66.1346
Hunter-Lab	43.8960, 55.1760, -25.1295

Details

The CIELCh color **51, 67.410, 334.217** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **71, 68.620, 143.809**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 67.479, 334.076**, and **31, 66.280, 334.378** is the 20% darker color. If you saturate the color by 10%, you get **48, 74.327, 334.969**, and if you desaturate by 10%, it is **54, 58.687, 333.501**.

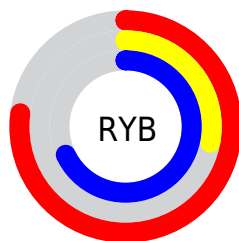
Distribution



Red (77%)

Green (28%)

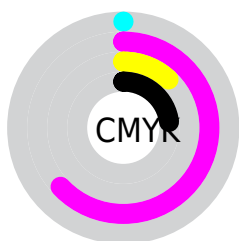
Blue (68%)



Red (77%)

Yellow (28%)

Blue (68%)

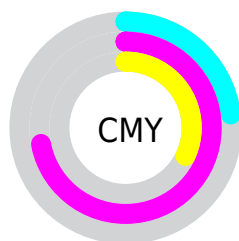


Cyan (0%)

Magenta (63%)

Yellow (12%)

Black (23%)



Cyan (23%)

Magenta (72%)


Yellow (32%)


Brightness & Saturation


Gradients


These gradients show how the CIELCh color 51, 67.410, 334.217 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, 67.410, 334.217 by changing the saturation by 10% instead.


 51, 67.410,
334.217


 51, 67.410,
334.217


 100, 67.410,
334.217


 41, 67.410,
334.217


 71, 67.410,
334.217

 31, 67.410,
334.217

 81, 67.410,
334.217

 21, 67.410,
334.217

 91, 67.410,
334.217

 11, 67.410,
334.217

 1, 67.410, 334.217

 0, 67.410, 334.217

■ 51, 67.410,
334.217

■ 51, 67.410,
334.217

■ 48, 74.327,
334.969

■ 54, 58.687,
333.501

■ 46, 79.030,
335.778

■ 58, 48.671,
332.807

■ 45, 81.335,
336.675

■ 63, 37.833,
332.130

■ 45, 81.908,
337.317

■ 67, 26.565,
331.469

■ 72, 15.158,
330.822

■ 77, 3.814, 330.147

■ 82, 7.339, 149.673

■ 88, 18.224,
149.082

 93, 28.801,
148.536

Harmonies

Complementary

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



51, 67.410, 334.217



71, 68.620, 143.809

Rectangle

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



51, 67.410, 334.217



51, 67.410, 24.217



51, 67.410, 154.217



51, 67.410, 204.217

Sweetspot

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



51, 67.407, 334.217



88, 26.744, 331.203



39, 74.620, 304.014



45, 18.418, 331.392



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, 67.407, 334.217



61, 93.276, 335.269



49, 52.927, 4.555



38, 6.355, 330.562



36, 70.929, 337.159



4, 20.316, 333.801

Inverse Universe

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



51, 67.407, 334.217



61, 93.276, 335.269



72, 44.710, 167.456



38, 6.355, 330.562



36, 70.929, 337.159



4, 20.316, 333.801

Previews

White Background



This preview shows how the CIELCh color 51, 67.410, 334.217 looks on a white background.

Color Contrast Check

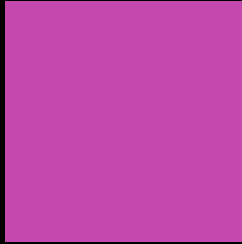
Large Text (above 18pt) WCAG AA ✓ Pass

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, 67.410, 334.217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

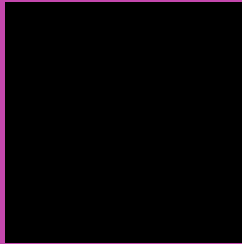
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 67.410, 334.217

Background



This preview shows how black text looks on a background with the CIELCh color 51, 67.410, 334.217.



This preview shows how white text looks on a background with the CIELCh color 51, 67.410, 334.217.

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



Original Color

51, 67.410, 334.217

Protanopia

51, 54.269, 286.387

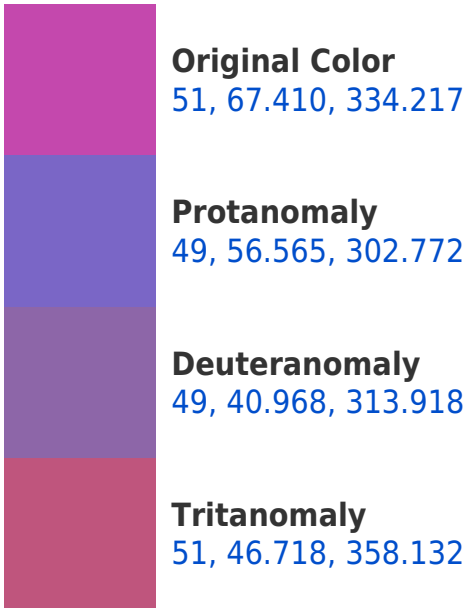
Deuteranopia

51, 26.317, 286.152



Tritanopia
51, 41.880, 20.750

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 67.410, 334.217 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(196, 72, 173)` looks like.

```
.text, #text, p{  
    color:rgb(196, 72, 173)  
}
```

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(196, 72, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 72, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 67.410, 334.217 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(196, 72, 173) }
```

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

```
.border{ border-color:rgb(196, 72, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 72, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 72, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 72, 173);  
box-shadow:4px 4px 4px 4px rgb(196, 72,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 67.410, 334.217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 72, 173) }
```

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

```
.background{ background-color: rgb(196, 72,  
173) }
```

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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