

Converting Colors

CIELCh(51, 63.097, 348.044)

Have a look what the booklet for
CIELCh(51, 63.097, 348.044)
contains.

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Color

CIELCh(51, 63.117, 348.360)

Conversions

Conversions Part 1

Format	Color
Hex	CF4391
RGB	207, 67, 145
RGB Percent	81%, 26%, 57%
CMY	0.1890, 0.7380, 0.4320
CMYK	0.00, 0.68, 0.30, 0.19
HSL	327°, 59%, 54%
HSV	327°, 68%, 81%
XYZ	32.7725, 19.2686, 28.7118
YIQ	117.7520, 58.4020, 53.9380

Conversions

Conversions Part 2

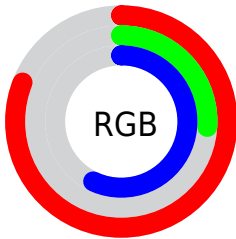
Format	Color
R_{YB}	207, 67, 145
Decimal	13583249
CIE _{Lab}	51.00, 61.82, -12.73
CIE _{LCh}	51, 63.117, 348.360
Yxy	19.2686, 0.4058, 0.2386
Android (android.graphics.Color)	4291773329 (0xFFCF4391)
YUV	117.7520, 13.4333, 78.2705
Hunter-Lab	43.8960, 56.4488, -8.0536

Details

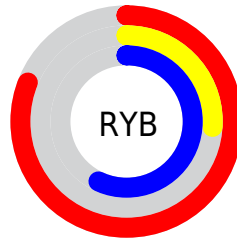
The CIELCh color **51, 63.117, 348.360** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **74, 61.649, 152.823**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 60.202, 344.996**, and **32, 59.659, 348.890** is the 20% darker color. If you saturate the color by 10%, you get **48, 68.611, 350.413**, and if you desaturate by 10%, it is **55, 55.776, 346.692**.

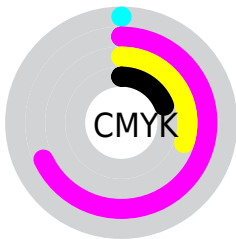
Distribution



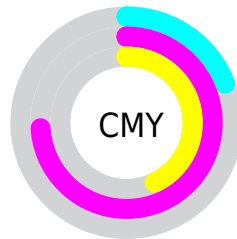
- Red (81%)
- Green (26%)
- Blue (57%)



- Red (81%)
- Yellow (26%)
- Blue (57%)



- Cyan (0%)
- Magenta (68%)
- Yellow (30%)
- Black (19%)





- Cyan (19%)
- Magenta (74%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 63.117, 348.360 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, 63.117, 348.360 by changing the saturation by 10% instead.


 51, 63.117,
348.360


 51, 63.117,
348.360


 100, 63.117,
348.360


 41, 63.117,
348.360


 71, 63.117,
348.360

 31, 63.117,
348.360


 81, 63.117,
348.360

 21, 63.117,
348.360

 91, 63.117,
348.360

 11, 63.117,
348.360

 1, 63.117, 348.360

 0, 63.117, 348.360

51, 63.117,
348.360

51, 63.117,
348.360

48, 68.611,
350.413

55, 55.776,
346.692

46, 71.923,
352.985

59, 47.097,
345.299

45, 73.136,
356.193

63, 37.576,
344.105

45, 73.318,
356.979


68, 27.627,
343.056

73, 17.554,
342.114

79, 7.560, 341.239

84, 2.230, 160.696

90, 11.745,
159.840

 96, 20.954,
159.167

Harmonies

Complementary

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



51, 63.117, 348.360



74, 61.649, 152.823

Rectangle

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



51, 63.117, 348.360



51, 63.117, 38.360



51, 63.117, 168.360



51, 63.117, 218.360

Sweetspot

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



51, 63.114, 348.361



87, 23.565, 342.346



43, 82.652, 310.557



45, 16.105, 342.611



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, 63.114, 348.361



58, 82.337, 351.445



49, 61.337, 25.137



41, 5.637, 341.389



36, 63.031, 356.400



5, 22.460, 350.174

Inverse Universe

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



51, 63.114, 348.361



58, 82.337, 351.445



76, 39.391, 189.165



41, 5.637, 341.389



36, 63.031, 356.400



5, 22.460, 350.174

Previews

White Background



This preview shows how the CIELCh color 51, 63.117, 348.360 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, 63.117, 348.360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

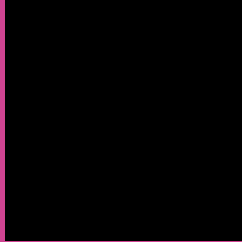
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 63.117, 348.360

Background



This preview shows how black text looks on a background with the CIELCh color 51, 63.117, 348.360.

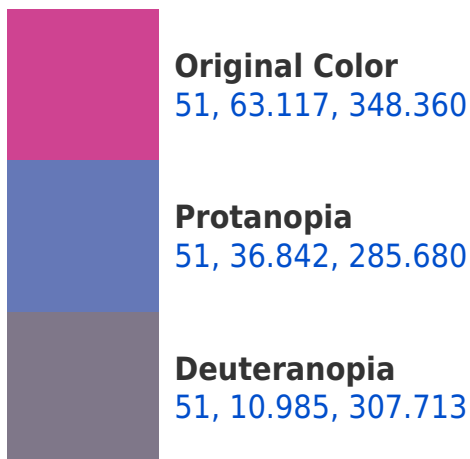


This preview shows how white text looks on a background with the CIELCh color 51, 63.117, 348.360.

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, 52.841, 24.385

Trichromacy



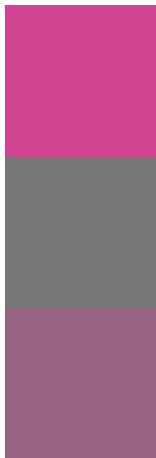
Original Color
51, 63.117, 348.360

Protanomaly
49, 41.993, 312.937

Deuteranomaly
50, 31.548, 336.253

Tritanomaly
51, 54.024, 9.594

Monochromacy



Original Color
51, 63.117, 348.360

Achromatopsia
50, 0.007, 296.813

Achromatomaly
48, 26.311, 343.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 63.117, 348.360 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(207, 67, 145)` looks like.

```
.text, #text, p{  
    color:rgb(207, 67, 145)  
}
```

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(207, 67, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 67, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 63.117, 348.360 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(207, 67, 145) }
```

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

```
.border{ border-color:rgb(207, 67, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 67, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 67, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 67, 145);  
box-shadow:4px 4px 4px 4px rgb(207, 67,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 63.117, 348.360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 67, 145) }
```

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

```
.background{ background-color: rgb(207, 67,  
145) }
```

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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