

Converting Colors

CIELCh(50, 50.805, 354.152)

Have a look what the booklet for
CIELCh(50, 50.805, 354.152)
contains.

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Color

CIELCh(50, 50.602, 354.249)

Conversions

Conversions Part 1

Format	Color
Hex	C04F81
RGB	192, 79, 129
RGB Percent	75%, 31%, 51%
CMY	0.2466, 0.6897, 0.4937
CMYK	0.00, 0.59, 0.33, 0.25
HSL	333°, 47%, 53%
HSV	333°, 59%, 75%
XYZ	28.5431, 18.4187, 22.8569
YIQ	118.4870, 51.2980, 39.5060

Conversions

Conversions Part 2

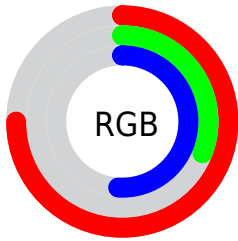
Format	Color
R_{YB}	192, 79, 129
Decimal	12603265
CIE _{Lab}	50.00, 50.35, -5.07
CIE _{LCh}	50, 50.602, 354.249
Yxy	18.4187, 0.4088, 0.2638
Android (android.graphics.Color)	4290793345 (0xFFC04F81)
YUV	118.4870, 5.1829, 64.4709
Hunter-Lab	42.9170, 43.6118, -1.5351

Details

The CIELCh color **50, 50.602, 354.249** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **70, 46.636, 160.229**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 50.541, 354.071**, and **30, 50.691, 354.238** is the 20% darker color. If you saturate the color by 10%, you get **47, 57.375, 356.475**, and if you desaturate by 10%, it is **54, 42.711, 352.451**.

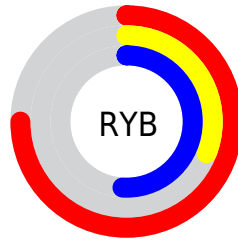
Distribution



Red (75%)

Green (31%)

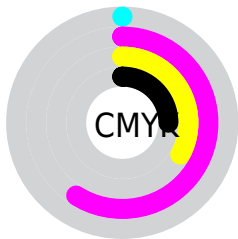
Blue (51%)



Red (75%)

Yellow (31%)

Blue (51%)

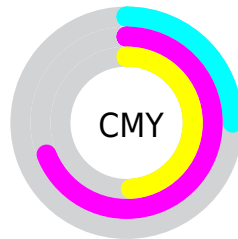


Cyan (0%)

Magenta (59%)

Yellow (33%)

Black (25%)



Cyan (25%)


Magenta (69%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 50.602, 354.249 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 50, 50.602, 354.249 by changing the saturation by 10% instead.


 50, 50.602,
354.249


 50, 50.602,
354.249


 100, 50.602,
354.249

 40, 50.602,
354.249


 70, 50.602,
354.249

 30, 50.602,
354.249

 80, 50.602,
354.249


 20, 50.602,
354.249

 90, 50.602,
354.249

 10, 50.602,
354.249

 0, 50.602, 354.249

 50, 50.602,
354.249

 50, 50.602,
354.249

47, 57.375,
356.475

54, 42.711,
352.451

44, 62.616,
359.276

58, 34.148,
350.959

42, 66.072, 2.826

63, 25.276,
349.691

41, 68.017, 7.173

68, 16.357,
348.587

41, 68.243, 7.698

73, 7.568, 347.592

78, 0.991, 167.201

84, 9.265, 166.048

89, 17.235,
165.316

94, 24.899,
164.657

Harmonies

Complementary

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



50, 50.602, 354.249



70, 46.636, 160.229

Rectangle

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



50, 50.602, 354.249



50, 50.602, 44.249



50, 50.602, 174.249



50, 50.602, 224.249

Sweetspot

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



50, 50.599, 354.250



87, 19.358, 348.532



46, 68.155, 313.501



44, 13.492, 348.840



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



50, 50.599, 354.250



59, 72.261, 357.331



50, 49.258, 29.938



38, 4.903, 347.646



34, 59.761, 6.984



3, 15.376, 355.740

Inverse Universe

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



50, 50.599, 354.250



59, 72.261, 357.331



70, 31.254, 202.797



38, 4.903, 347.646



34, 59.761, 6.984



3, 15.376, 355.740

Previews

White Background



This preview shows how the CIELCh color 50, 50.602, 354.249 looks on a white background.

Color Contrast Check

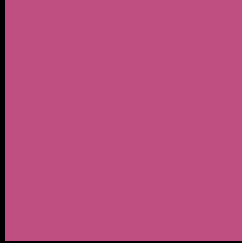
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 50, 50.602, 354.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

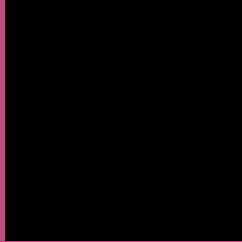
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 50.602, 354.249

Background



This preview shows how black text looks on a background with the CIELCh color 50, 50.602, 354.249.

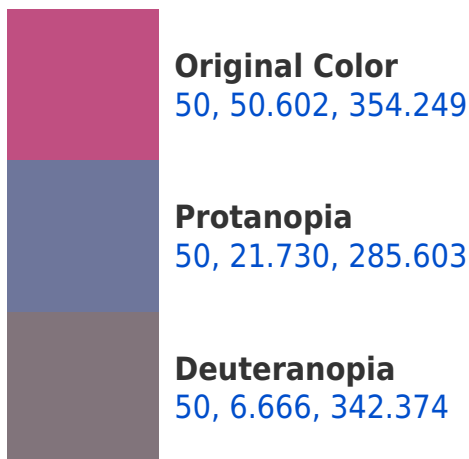


This preview shows how white text looks on a background with the CIELCh color 50, 50.602, 354.249.

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
50, 44.761, 21.694

Trichromacy



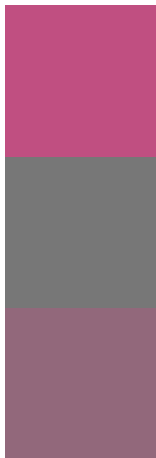
Original Color
50, 50.602, 354.249

Protanomaly
49, 28.133, 321.785

Deuteranomaly
49, 23.480, 349.627

Tritanomaly
50, 45.519, 10.916

Monochromacy



Original Color
50, 50.602, 354.249

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 20.275, 349.006

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 50.602, 354.249 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(192, 79, 129)` looks like.

```
.text, #text, p{  
    color:rgb(192, 79, 129)  
}
```

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(192, 79, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 79, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 50.602, 354.249 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(192, 79, 129) }
```

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

```
.border{ border-color:rgb(192, 79, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 79, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 79, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 79, 129);  
box-shadow:4px 4px 4px 4px rgb(192, 79,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 50.602, 354.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 79, 129) }
```

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

```
.background{ background-color: rgb(192, 79,  
129) }
```

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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