

Converting Colors

CIELCh(50, 44.984, 351.194)

Have a look what the booklet for
CIELCh(50, 44.984, 351.194)
contains.

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Color

CIELCh(50, 44.989, 351.041)

Conversions

Conversions Part 1

Format	Color
Hex	B75684
RGB	183, 86, 132
RGB Percent	72%, 34%, 52%
CMY	0.2820, 0.6624, 0.4820
CMYK	0.00, 0.53, 0.28, 0.28
HSL	332°, 40%, 53%
HSV	332°, 53%, 72%
XYZ	27.0589, 18.4187, 23.9917
YIQ	120.2470, 43.0460, 34.8700

Conversions

Conversions Part 2

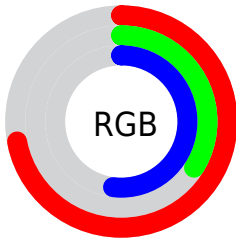
Format	Color
R_{YB}	183, 86, 132
Decimal	12015236
CIE _{Lab}	50.00, 44.44, -7.01
CIE _{LCh}	50, 44.989, 351.041
Yxy	18.4187, 0.3895, 0.2651
Android (android.graphics.Color)	4290205316 (0xFFB75684)
YUV	120.2470, 5.7942, 55.0344
Hunter-Lab	42.9170, 37.4387, -3.1028

Details

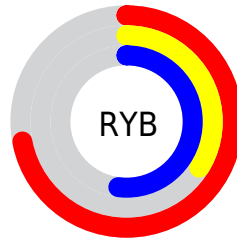
The CIELCh color **50, 44.989, 351.041** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **68, 42.168, 159.382**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 44.901, 350.991**, and **30, 45.041, 350.735** is the 20% darker color. If you saturate the color by 10%, you get **46, 52.207, 352.864**, and if you desaturate by 10%, it is **54, 36.909, 349.534**.

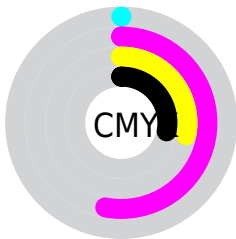
Distribution



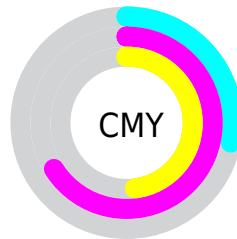
- Red (72%)
- Green (34%)
- Blue (52%)



- Red (72%)
- Yellow (34%)
- Blue (52%)



- Cyan (0%)
- Magenta (53%)
- Yellow (28%)
- Black (28%)





- Cyan (28%)
- Magenta (66%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 44.989, 351.041 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, 44.989, 351.041 by changing the saturation by 10% instead.


 50, 44.989,
351.041


 50, 44.989,
351.041


 100, 44.989,
351.041


 40, 44.989,
351.041


 70, 44.989,
351.041

 30, 44.989,
351.041


 80, 44.989,
351.041


 20, 44.989,
351.041

 90, 44.989,
351.041

 10, 44.989,
351.041

 0, 44.989, 351.041

 50, 44.989,
351.041

 50, 44.989,
351.041

46, 52.207,
352.864

54, 36.909,
349.534

44, 58.134,
355.120

58, 28.365,
348.255

41, 62.392,
357.962

63, 19.656,
347.143

40, 64.840, 1.555

68, 10.988,
346.151

39, 65.886, 4.441

73, 2.491, 345.157

78, 5.762, 164.589

83, 13.736,
163.828

88, 21.421,
163.154

93, 28.822,
162.538

Harmonies

Complementary

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



50, 44.989, 351.041



68, 42.168, 159.382

Rectangle

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



50, 44.989, 351.041



50, 44.989, 41.041



50, 44.989, 171.041



50, 44.989, 221.041

Sweetspot

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



50, 44.986, 351.042



84, 16.780, 346.467



46, 59.026, 312.240



44, 11.445, 346.668



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



50, 44.986, 351.042



59, 65.016, 353.293



49, 42.997, 26.663



36, 4.786, 345.809



33, 58.443, 3.813



3, 12.037, 352.268

Inverse Universe

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



50, 44.986, 351.042



59, 65.016, 353.293



68, 29.071, 198.903



36, 4.786, 345.809



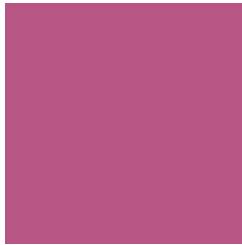
33, 58.443, 3.813



3, 12.037, 352.268

Previews

White Background



This preview shows how the CIELCh color 50, 44.989, 351.041 looks on a white background.

Color Contrast Check

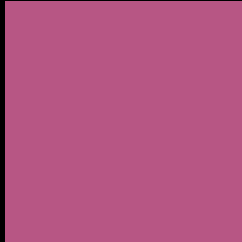
Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 44.989, 351.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

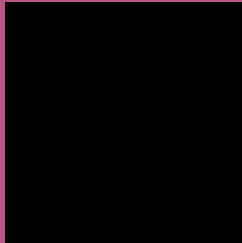
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 44.989, 351.041

Background



This preview shows how black text looks on a background with the CIELCh color 50, 44.989, 351.041.

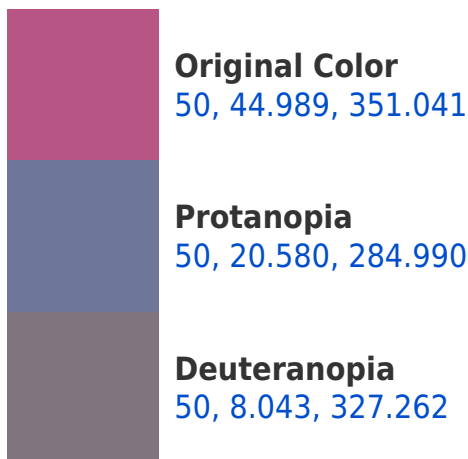


This preview shows how white text looks on a background with the CIELCh color 50, 44.989, 351.041.

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, 37.967, 19.652

Trichromacy



Original Color
50, 44.989, 351.041

Protanomaly
49, 25.749, 319.811

Deuteranomaly
49, 22.085, 343.075

Tritanomaly
50, 39.403, 7.816

Monochromacy



Original Color
50, 44.989, 351.041

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 16.954, 348.248

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 44.989, 351.041 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(183, 86, 132)` looks like.

```
.text, #text, p{  
    color:rgb(183, 86, 132)  
}
```

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(183, 86, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 86, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 44.989, 351.041 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(183, 86, 132) }
```

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

```
.border{ border-color:rgb(183, 86, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 86, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 86, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 86, 132);  
box-shadow:4px 4px 4px 4px rgb(183, 86,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 44.989, 351.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 86, 132) }
```

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

```
.background{ background-color: rgb(183, 86,  
132) }
```

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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