

Converting Colors

CIELCh(50, 44.807, 349.708)

Have a look what the booklet for
CIELCh(50, 44.807, 349.708)
contains.

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Color

CIELCh(50, 44.615, 349.606)

Conversions

Conversions Part 1

Format	Color
Hex	B65786
RGB	182, 87, 134
RGB Percent	71%, 34%, 53%
CMY	0.2871, 0.6596, 0.4753
CMYK	0.00, 0.52, 0.26, 0.29
HSL	330°, 39%, 53%
HSV	330°, 52%, 71%
XYZ	26.9216, 18.4187, 24.6187
YIQ	120.7630, 41.5330, 34.7570

Conversions

Conversions Part 2

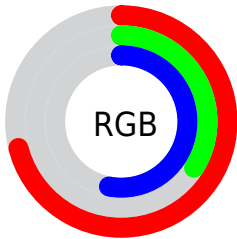
Format	Color
R_{YB}	182, 87, 134
Decimal	11949958
CIE _{Lab}	50.00, 43.88, -8.05
CIE _{LCh}	50, 44.615, 349.606
Yxy	18.4187, 0.3848, 0.2633
Android (android.graphics.Color)	4290140038 (0xFFB65786)
YUV	120.7630, 6.5258, 53.7048
Hunter-Lab	42.9170, 36.8677, -3.9690

Details

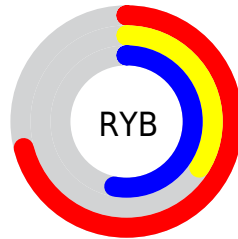
The CIELCh color $50, 44.615, 349.606$ is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be $67, 42.162, 158.400$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 44.501, 349.708$, and $30, 44.609, 349.742$ is the 20% darker color. If you saturate the color by 10%, you get $46, 51.889, 351.322$, and if you desaturate by 10%, it is $54, 36.487, 348.178$.

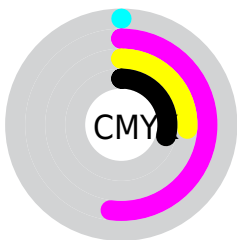
Distribution



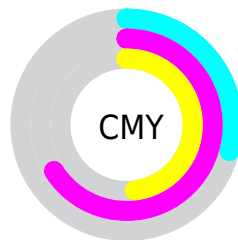
- Red (71%)
- Green (34%)
- Blue (53%)



- Red (71%)
- Yellow (34%)
- Blue (53%)



- Cyan (0%)
- Magenta (52%)
- Yellow (26%)
- Black (29%)



- Cyan (29%)
- Magenta (66%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 44.615, 349.606 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, 44.615, 349.606 by changing the saturation by 10% instead.

 50, 44.615,
349.606

 50, 44.615,
349.606

 100, 44.615,
349.606

 40, 44.615,
349.606

 70, 44.615,
349.606


 30, 44.615,
349.606

 80, 44.615,
349.606

 20, 44.615,
349.606

 90, 44.615,
349.606

 10, 44.615,
349.606

 0, 44.615, 349.606

 50, 44.615,
349.606

 50, 44.615,
349.606

46, 51.889,
351.322

54, 36.487,
348.178

43, 57.877,
353.432

58, 27.901,
346.956

41, 62.187,
356.079

63, 19.151,
345.886

40, 64.643,
359.423

68, 10.440,
344.925

39, 65.684, 2.436

73, 1.895, 343.911

78, 6.410, 163.398

83, 14.441,
162.658

88, 22.188,
161.997

93, 29.654,
161.390

Harmonies

Complementary

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



50, 44.615, 349.606



67, 42.162, 158.400

Rectangle

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



50, 44.615, 349.606



50, 44.615, 39.606



50, 44.615, 169.606



50, 44.615, 219.606

Sweetspot

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



50, 44.612, 349.607



84, 17.003, 345.302



46, 57.800, 311.695



44, 11.596, 345.498



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, 44.612, 349.607



59, 64.794, 351.674



49, 42.611, 25.502



36, 4.852, 344.658



33, 58.598, 1.863



3, 12.173, 351.086

Inverse Universe

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



50, 44.612, 349.607



59, 64.794, 351.674



69, 29.151, 197.115



36, 4.852, 344.658



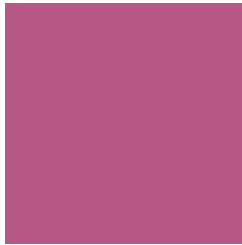
33, 58.598, 1.863



3, 12.173, 351.086

Previews

White Background



This preview shows how the CIELCh color 50, 44.615, 349.606 looks on a white background.

Color Contrast Check

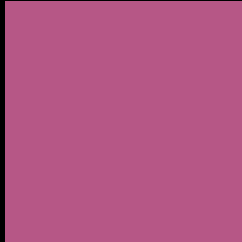
Large Text (above 18pt) WCAG AA ✓ Pass

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, 44.615, 349.606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

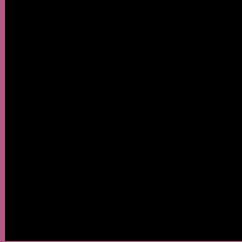
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 44.615, 349.606

Background



This preview shows how black text looks on a background with the CIELCh color 50, 44.615, 349.606.

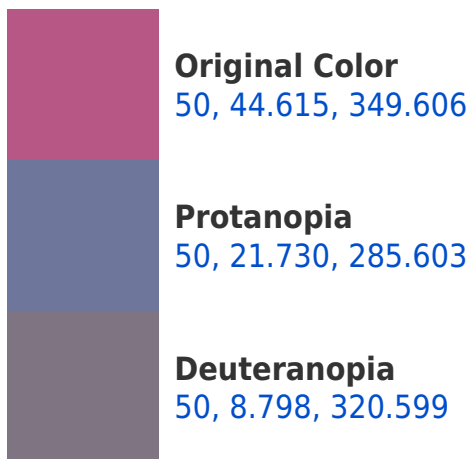


This preview shows how white text looks on a background with the CIELCh color 50, 44.615, 349.606.

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, 37.048, 19.353

Trichromacy



Original Color
50, 44.615, 349.606

Protanomaly
49, 25.923, 317.653

Deuteranomaly
49, 22.475, 339.961

Tritanomaly
50, 38.582, 7.241

Monochromacy



Original Color
50, 44.615, 349.606

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 16.895, 345.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 44.615, 349.606 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(182, 87, 134)` looks like.

```
.text, #text, p{  
    color:rgb(182, 87, 134)  
}
```

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(182, 87, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 87, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 44.615, 349.606 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(182, 87, 134) }
```

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

```
.border{ border-color:rgb(182, 87, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 87, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 87, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 87, 134);  
box-shadow:4px 4px 4px 4px rgb(182, 87,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 44.615, 349.606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 87, 134) }
```

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

```
.background{ background-color: rgb(182, 87,  
134) }
```

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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