

Converting Colors

CIELCh(66, 45.173, 311.462)

Have a look what the booklet for
CIELCh(66, 45.173, 311.462)
contains.

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Color

CIELCh(66, 44.817, 311.430)

Conversions

Conversions Part 1

Format	Color
Hex	B890DD
RGB	184, 144, 221
RGB Percent	72%, 56%, 87%
CMY	0.2787, 0.4355, 0.1336
CMYK	0.17, 0.35, 0.00, 0.13
HSL	271°, 53%, 72%
HSV	271°, 35%, 87%
XYZ	42.7541, 35.3238, 72.9200
YIQ	164.7380, -0.8770, 32.4270

Conversions

Conversions Part 2

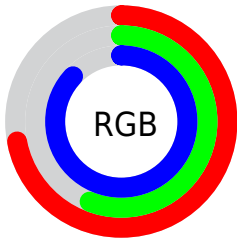
Format	Color
RYB	184, 144, 221
Decimal	12095709
CIELab	66.00, 29.66, -33.60
CIELCh	66, 44.817, 311.430
Yxy	35.3238, 0.2831, 0.2339
Android (android.graphics.Color)	4290285789 (0xFFB890DD)
YUV	164.7380, 27.7372, 16.8928
Hunter-Lab	59.4338, 24.3959, -31.1398

Details

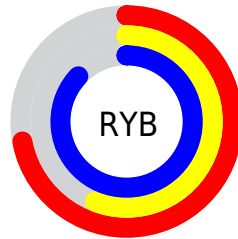
The CIELCh color $66, 44.817, 311.430$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $84, 42.746, 128.124$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 33.487, 318.402$, and $46, 45.043, 311.465$ is the 20% darker color. If you saturate the color by 10%, you get $60, 58.103, 311.953$, and if you desaturate by 10%, it is $72, 31.610, 310.908$.

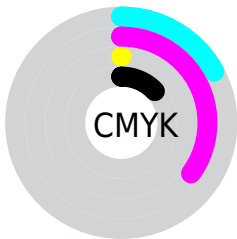
Distribution



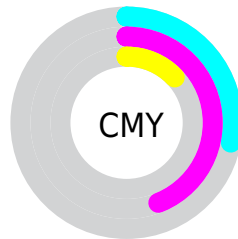
- Red (72%)
- Green (56%)
- Blue (87%)



- Red (72%)
- Yellow (56%)
- Blue (87%)



- Cyan (17%)
- Magenta (35%)
- Yellow (0%)
- Black (13%)





- Cyan (28%)
- Magenta (44%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 44.817, 311.430 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 66, 44.817, 311.430 by changing the saturation by 10% instead.


 66, 44.817,
311.430

 66, 44.817,
311.430


 100, 44.817,
311.430

 56, 44.817,
311.430


 86, 44.817,
311.430

 46, 44.817,
311.430


 96, 44.817,
311.430

 36, 44.817,
311.430

 26, 44.817,
311.430

 16, 44.817,
311.430

 6, 44.817, 311.430

 0, 44.817, 311.430

66, 44.817,
311.430

66, 44.817,
311.430

60, 58.103,
311.953

72, 31.610,
310.908

54, 71.193,
312.442

79, 18.646,
310.408

49, 83.628,
312.838

85, 6.009, 309.933

44, 94.729,
313.059

91, 6.265, 129.557

98, 18.163,
129.167

40, 103.629,
312.999

99, 17.473,
117.734

37, 109.517,
312.551

99, 17.232,
108.875

36, 111.638,
312.217

Harmonies

Complementary

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



66, 44.817, 311.430



84, 42.746, 128.124

Rectangle

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



66, 44.817, 311.430



66, 44.817, 1.430



66, 44.817, 131.430



66, 44.817, 181.430

Sweetspot

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



66, 44.815, 311.430



93, 14.015, 310.180



72, 24.196, 262.987



48, 9.580, 310.247



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 44.815, 311.430



70, 61.038, 311.823



70, 48.826, 326.786



43, 7.034, 310.149



27, 93.016, 312.402



4, 31.391, 310.186

Inverse Universe

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



68, 35.058, 348.152



74, 47.366, 349.127



82, 48.871, 142.330



43, 5.566, 345.469



37, 63.326, 3.630



6, 24.882, 355.887

Previews

White Background



This preview shows how the CIELCh color 66, 44.817, 311.430 looks on a white background.

Color Contrast Check

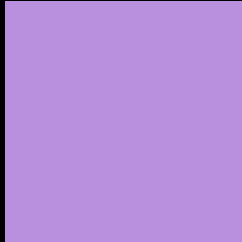
Large Text (above 18pt) WCAG AA × Fail

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 66, 44.817, 311.430 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 ✓ Pass

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

CIELCh 66, 44.817, 311.430

Background



This preview shows how black text looks on a background with the CIELCh color 66, 44.817, 311.430.



This preview shows how white text looks on a background with the CIELCh color 66, 44.817, 311.430.

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
66, 44.817, 311.430

Protanopia
66, 41.186, 285.605

Deuteranopia
66, 33.388, 285.979



Tritanopia
66, 10.137, 339.458

Trichromacy



Original Color
66, 44.817, 311.430

Protanomaly
66, 41.624, 294.776

Deuteranomaly
66, 36.743, 296.877

Tritanomaly
66, 22.340, 318.110

Monochromacy



Original Color
66, 44.817, 311.430

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 16.508, 310.965

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 44.817, 311.430 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(184, 144, 221)` looks like.

```
.text, #text, p{  
    color:rgb(184, 144, 221)  
}
```

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(184, 144, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 144, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 44.817, 311.430 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(184, 144, 221) }
```

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

```
.border{ border-color:rgb(184, 144, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 144, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 144, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 144, 221);  
box-shadow:4px 4px 4px 4px rgb(184, 144,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 44.817, 311.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 144, 221) }
```

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

```
.background{ background-color: rgb(184,  
144, 221) }
```

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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