

Converting Colors

CIELCh(66, 48.314, 302.645)

Have a look what the booklet for
CIELCh(66, 48.314, 302.645)
contains.

CIELCh(66, 48.262, 302.630)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 48.262, 302.630)

Conversions

Conversions Part 1

Format	Color
Hex	A994E9
RGB	169, 148, 233
RGB Percent	66%, 58%, 91%
CMY	0.3392, 0.4214, 0.0844
CMYK	0.28, 0.37, 0.00, 0.08
HSL	255°, 67%, 75%
HSV	255°, 37%, 92%
XYZ	41.5496, 35.3238, 82.0837
YIQ	163.9690, -14.7690, 30.8870

Conversions

Conversions Part 2

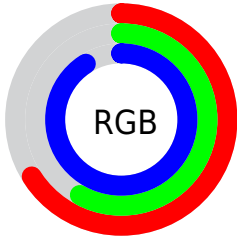
Format	Color
RYB	169, 148, 233
Decimal	11113705
CIELab	66.00, 26.02, -40.64
CIElCh	66, 48.262, 302.630
Yxy	35.3238, 0.2614, 0.2222
Android (android.graphics.Color)	4289303785 (0xFFA994E9)
YUV	163.9690, 34.0323, 4.4122
Hunter-Lab	59.4338, 20.7783, -40.2814

Details

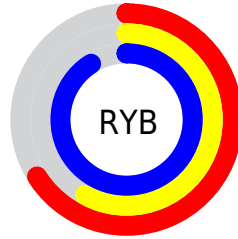
The CIELCh color $66, 48.262, 302.630$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $89, 44.451, 117.337$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 29.214, 308.449$, and $46, 47.875, 302.842$ is the 20% darker color. If you saturate the color by 10%, you get $59, 62.387, 303.670$, and if you desaturate by 10%, it is $73, 34.523, 301.687$.

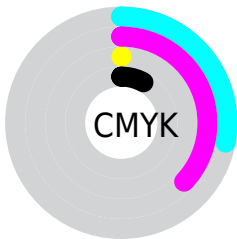
Distribution



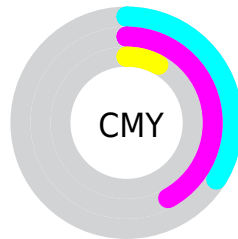
- Red (66%)
- Green (58%)
- Blue (91%)



- Red (66%)
- Yellow (58%)
- Blue (91%)



- Cyan (28%)
- Magenta (37%)
- Yellow (0%)
- Black (8%)




- Cyan (34%)
- Magenta (42%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 48.262, 302.630 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, 48.262, 302.630 by changing the saturation by 10% instead.


 66, 48.262,
302.630

 66, 48.262,
302.630


 100, 48.262,
302.630


 56, 48.262,
302.630


 86, 48.262,
302.630

 46, 48.262,
302.630

 96, 48.262,
302.630

 36, 48.262,
302.630

 26, 48.262,
302.630

 16, 48.262,
302.630

 6, 48.262, 302.630

 0, 48.262, 302.630

66, 48.262,
302.630

66, 48.262,
302.630

59, 62.387,
303.670

73, 34.523,
301.687

52, 76.704,
304.775

80, 21.249,
300.851

46, 90.777,
305.873

88, 8.456, 300.118

40, 103.775,
306.833

95, 3.867, 119.497

99, 10.889,
109.354

35, 114.382,
307.463

32, 121.152,
307.568

31, 122.767,
307.558

Harmonies

Complementary

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



66, 48.262, 302.630



89, 44.451, 117.337

Rectangle

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



66, 48.262, 302.630



66, 48.262, 352.630



66, 48.262, 122.630



66, 48.262, 172.630

Sweetspot

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



66, 48.261, 302.630



91, 14.775, 300.417



82, 22.859, 226.095



48, 9.952, 300.517



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, 48.261, 302.630



66, 62.729, 303.392



70, 51.378, 318.365



45, 7.111, 300.304



23, 101.296, 307.684



3, 36.402, 303.567

Inverse Universe

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



72, 46.145, 334.663



74, 58.720, 335.238



87, 50.180, 134.897



46, 7.134, 332.700



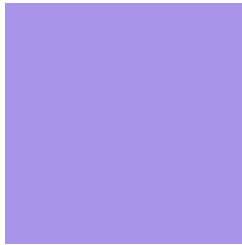
41, 74.140, 340.934



8, 32.575, 338.650

Previews

White Background



This preview shows how the CIELCh color 66, 48.262, 302.630 looks on a white background.

Color Contrast Check

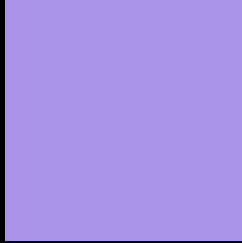
Large Text (above 18pt) WCAG AA × Fail

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, 48.262, 302.630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

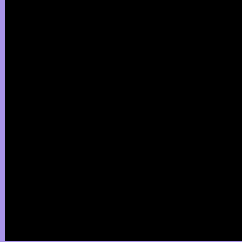
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 48.262, 302.630

Background



This preview shows how black text looks on a background with the CIELCh color 66, 48.262, 302.630.



This preview shows how white text looks on a background with the CIELCh color 66, 48.262, 302.630.

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, 47.725, 302.695

Protanopia
66, 46.752, 285.413

Deuteranopia
66, 40.259, 283.217



Tritanopia
66, 7.271, 282.238

Trichromacy



Original Color
66, 47.725, 302.695

Protanomaly
66, 47.080, 291.652

Deuteranomaly
66, 42.671, 290.813

Tritanomaly
66, 22.374, 297.798

Monochromacy



Original Color
66, 47.725, 302.695

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 17.464, 301.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 48.262, 302.630 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(169, 148, 233)` looks like.

```
.text, #text, p{  
    color:rgb(169, 148, 233)  
}
```

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(169, 148, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 148, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 48.262, 302.630 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(169, 148, 233) }
```

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

```
.border{ border-color:rgb(169, 148, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 148, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 148, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 148, 233);  
box-shadow:4px 4px 4px 4px rgb(169, 148,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 48.262, 302.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 148, 233) }
```

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

```
.background{ background-color: rgb(169,  
148, 233) }
```

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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