

Converting Colors

CIELCh(66, 48.355, 295.038)

Have a look what the booklet for
CIELCh(66, 48.355, 295.038)
contains.

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Color

CIELCh(66, 48.227, 294.962)

Conversions

Conversions Part 1

Format	Color
Hex	9898EF
RGB	152, 152, 239
RGB Percent	60%, 60%, 94%
CMY	0.4042, 0.4042, 0.0631
CMYK	0.36, 0.36, 0.00, 0.06
HSL	240°, 73%, 77%
HSV	240°, 36%, 94%
XYZ	39.7145, 35.3238, 86.3175
YIQ	161.9180, -27.9270, 27.0570

Conversions

Conversions Part 2

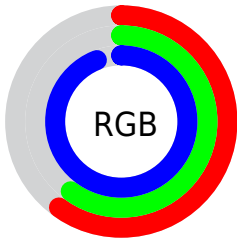
Format	Color
RYB	152, 152, 239
Decimal	10000623
CIELab	66.00, 20.35, -43.72
CIELCh	66, 48.227, 294.962
Yxy	35.3238, 0.2461, 0.2189
Android (android.graphics.Color)	4288190703 (0xFF9898EF)
YUV	161.9180, 38.0014, -8.6981
Hunter-Lab	59.4338, 15.2670, -44.5049

Details

The CIELCh color `66, 48.227, 294.962` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `93, 43.949, 106.646`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 25.899, 294.534`, and `46, 48.608, 295.061` is the 20% darker color. If you saturate the color by 10%, you get `58, 62.807, 296.824`, and if you desaturate by 10%, it is `74, 34.235, 293.355`.

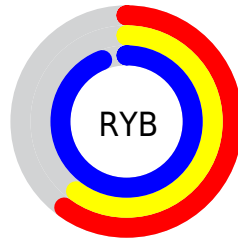
Distribution



Red (60%)

Green (60%)

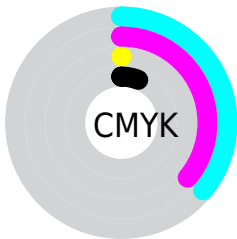
Blue (94%)



Red (60%)

Yellow (60%)

Blue (94%)

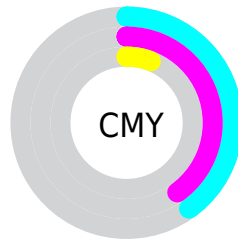


Cyan (36%)

Magenta (36%)

Yellow (0%)

Black (6%)



Cyan (40%)

Magenta (40%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 48.227, 294.962 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, 48.227, 294.962 by changing the saturation by 10% instead.

■ 66, 48.227,
294.962

■ 66, 48.227,
294.962

■ 100, 48.227,
294.962

■ 56, 48.227,
294.962

■ 86, 48.227,
294.962

■ 46, 48.227,
294.962

■ 96, 48.227,
294.962

■ 36, 48.227,
294.962

■ 26, 48.227,
294.962

■ 16, 48.227,
294.962

■ 6, 48.227, 294.962

■ 0, 48.227, 294.962

66, 48.227,
294.962

66, 48.227,
294.962

58, 62.807,
296.824

74, 34.235,
293.355

51, 77.870,
298.917

82, 20.832,
291.987

44, 93.032,
301.146

89, 7.981, 290.833

38, 107.323,
303.298

97, 4.359, 109.826

100, 8.144,
109.559

33, 118.938,
305.042

31, 125.776,
306.053

30, 127.373,
306.287

Harmonies

Complementary

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



66, 48.227, 294.962



93, 43.949, 106.646

Rectangle

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



66, 48.227, 294.962



66, 48.227, 344.962



66, 48.227, 114.962



66, 48.227, 164.962

Sweetspot

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



66, 48.226, 294.962



91, 14.560, 291.341



89, 27.490, 196.043



47, 9.810, 291.499



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, 48.226, 294.962



64, 62.472, 296.381



70, 49.734, 310.350



46, 7.131, 291.165



22, 104.553, 306.287



3, 37.808, 298.749

Inverse Universe

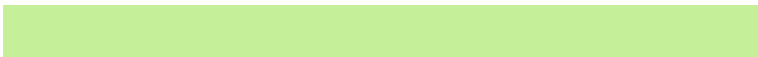
The Inverse Universe completely reimagines the original color for something new.



72, 35.382, 22.797



71, 46.254, 24.063



90, 47.098, 126.752



47, 4.993, 19.935



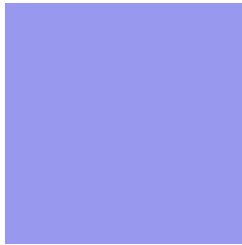
38, 81.700, 39.993



8, 29.836, 23.804

Previews

White Background



This preview shows how the CIELCh color 66, 48.227, 294.962 looks on a white background.

Color Contrast Check

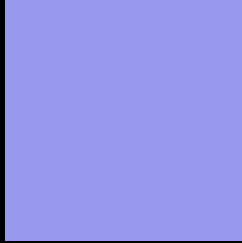
Large Text (above 18pt) WCAG AA × Fail

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, 48.227, 294.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

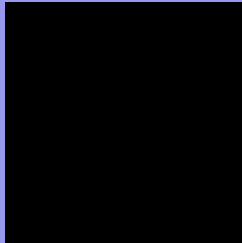
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 48.227, 294.962

Background



This preview shows how black text looks on a background with the CIELCh color 66, 48.227, 294.962.



This preview shows how white text looks on a background with the CIELCh color 66, 48.227, 294.962.

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

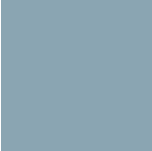
66, 48.227, 294.962

Protanopia

66, 47.872, 285.824

Deuteranopia

66, 43.747, 282.145



Tritanopia
66, 11.710, 236.914

Trichromacy



Original Color
66, 48.227, 294.962

Protanomaly
66, 48.246, 289.189

Deuteranomaly
66, 45.591, 287.099

Tritanomaly
66, 22.697, 278.072

Monochromacy



Original Color
66, 48.227, 294.962

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 17.754, 292.013

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 48.227, 294.962 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(152, 152, 239)` looks like.

```
.text, #text, p{  
    color:rgb(152, 152, 239)  
}
```

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(152, 152, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 152, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 48.227, 294.962 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(152, 152, 239) }
```

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

```
.border{ border-color:rgb(152, 152, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 152, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 152, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 152, 239);  
box-shadow:4px 4px 4px 4px rgb(152, 152,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 48.227, 294.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 152, 239) }
```

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

```
.background{ background-color: rgb(152,  
152, 239) }
```

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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