

Converting Colors

CIELCh(66, 50.425, 278.526)

Have a look what the booklet for
CIELCh(66, 50.425, 278.526)
contains.

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Color

CIELCh(66, 50.454, 278.541)

Conversions

Conversions Part 1

Format	Color
Hex	69A1FA
RGB	105, 161, 250
RGB Percent	41%, 63%, 98%
CMY	0.5889, 0.3692, 0.0202
CMYK	0.58, 0.36, 0.00, 0.02
HSL	217°, 93%, 70%
HSV	217°, 58%, 98%
XYZ	35.7552, 35.3238, 95.2437
YIQ	154.4020, -61.9450, 15.8070

Conversions

Conversions Part 2

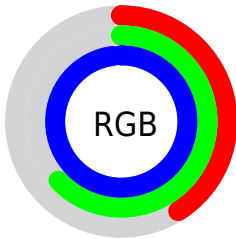
Format	Color
RYB	105, 145, 250
Decimal	6922746
CIELab	66.00, 7.49, -49.89
CIELCh	66, 50.454, 278.541
Yxy	35.3238, 0.2150, 0.2124
Android (android.graphics.Color)	4285112826 (0xFF69A1FA)
YUV	154.4020, 47.1298, -43.3256
Hunter-Lab	59.4338, 3.3757, -53.4095

Details

The CIELCh color **66, 50.454, 278.541** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **82, 52.823, 78.664**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 25.588, 254.802**, and **46, 50.440, 278.570** is the 20% darker color. If you saturate the color by 10%, you get **61, 59.513, 281.842**, and if you desaturate by 10%, it is **71, 41.552, 275.657**.

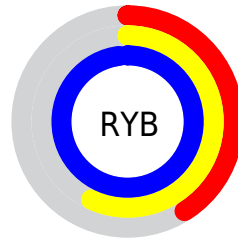
Distribution



Red (41%)

Green (63%)

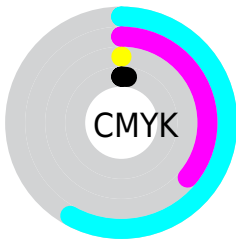
Blue (98%)



Red (41%)

Yellow (57%)

Blue (98%)

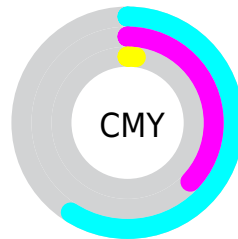


Cyan (58%)

Magenta (36%)

Yellow (0%)

Black (2%)



Cyan (59%)


Magenta (37%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 50.454, 278.541 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, 50.454, 278.541 by changing the saturation by 10% instead.


 66, 50.454,
278.541


 66, 50.454,
278.541


 100, 50.454,
278.541


 56, 50.454,
278.541


 86, 50.454,
278.541

 46, 50.454,
278.541

 96, 50.454,
278.541

 36, 50.454,
278.541

 26, 50.454,
278.541

 16, 50.454,
278.541

 6, 50.454, 278.541

 0, 50.454, 278.541

■ 66, 50.454,
278.541

■ 66, 50.454,
278.541

■ 61, 59.513,
281.842

■ 71, 41.552,
275.657

■ 56, 68.790,
285.515

■ 77, 32.761,
273.178

■ 51, 78.313,
289.437

■ 82, 24.051,
271.066

■ 47, 88.012,
293.385

■ 88, 15.411,
269.274

■ 46, 89.926,
294.109

■ 94, 6.842, 267.767

■ 99, 1.649, 86.207

■ 100, 2.606,
109.954

Harmonies

Complementary

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



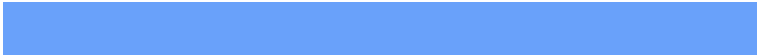
66, 50.454, 278.541



82, 52.823, 78.664

Rectangle

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



66, 50.454, 278.541



66, 50.454, 328.541



66, 50.454, 98.541



66, 50.454, 148.541

Sweetspot

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



66, 50.453, 278.542



90, 14.761, 269.107



89, 54.777, 162.691



47, 9.881, 269.439



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, 50.453, 278.542



61, 62.342, 282.563



53, 83.110, 301.453



49, 4.842, 267.969



35, 71.506, 293.415



9, 28.039, 287.505

Inverse Universe

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



64, 60.571, 358.236



60, 71.693, 1.360



95, 70.330, 109.567



49, 5.842, 351.088



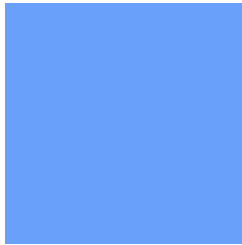
40, 67.826, 13.081



10, 30.465, 5.559

Previews

White Background



This preview shows how the CIELCh color 66, 50.454, 278.541 looks on a white background.

Color Contrast Check

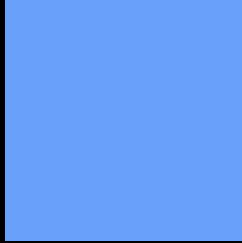
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 50.454, 278.541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

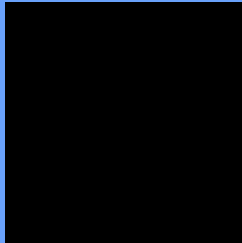
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

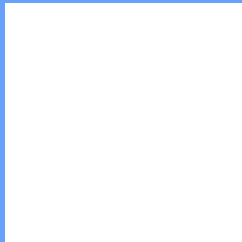
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 50.454, 278.541

Background



This preview shows how black text looks on a background with the CIELCh color 66, 50.454, 278.541.



This preview shows how white text looks on a background with the CIELCh color 66, 50.454, 278.541.

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, 50.454, 278.541

Protanopia

66, 49.573, 285.485

Deuteranopia

66, 50.694, 280.523



Tritanopia
66, 28.470, 213.278

Trichromacy



Original Color
66, 50.454, 278.541

Protanomaly
66, 49.849, 282.947

Deuteranomaly
66, 50.783, 280.043

Tritanomaly
66, 31.111, 245.571

Monochromacy



Original Color
66, 50.454, 278.541

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 19.377, 271.754

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 50.454, 278.541 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(105, 161, 250)` looks like.

```
.text, #text, p{  
    color:rgb(105, 161, 250)  
}
```

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(105, 161, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 161, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 50.454, 278.541 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(105, 161, 250) }
```

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

```
.border{ border-color:rgb(105, 161, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 161, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 161, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 161, 250); box-shadow:4px 4px 4px 4px rgb(105, 161, 250) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 50.454, 278.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 161, 250) }
```

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

```
.background{ background-color: rgb(105,  
161, 250) }
```

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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