

Converting Colors

CIELCh(66, 53.959, 278.223)

Have a look what the booklet for
CIELCh(66, 53.959, 278.223)
contains.

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Color

CIELCh(66, 53.411, 278.027)

Conversions

Conversions Part 1

Format	Color
Hex	60A1FF
RGB	96, 161, 255
RGB Percent	38%, 63%, 100%
CMY	0.6222, 0.3676, 0.0000
CMYK	0.62, 0.37, 0.00, 0.00
HSL	215°, 100%, 69%
HSV	215°, 62%, 100%
XYZ	35.7448, 35.3238, 99.7855
YIQ	152.2810, -68.9140, 15.4540

Conversions

Conversions Part 2

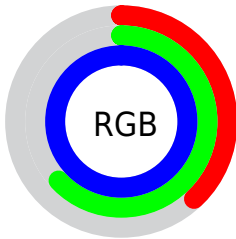
Format	Color
R _Y B	96, 142, 255
Decimal	6332927
CIE Lab	66.00, 7.46, -52.89
CIE LCh	66, 53.411, 278.027
Yxy	35.3238, 0.2092, 0.2067
Android (android.graphics.Color)	4284523007 (0xFF60A1FF)
YUV	152.2810, 50.6405, -49.3584
Hunter-Lab	59.4338, 3.3445, -57.9403

Details

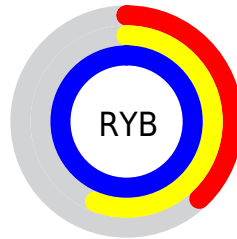
The CIELCh color **66, 53.411, 278.027** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **81, 57.131, 75.949**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 26.714, 251.342**, and **46, 53.552, 278.301** is the 20% darker color. If you saturate the color by 10%, you get **61, 62.100, 281.484**, and if you desaturate by 10%, it is **71, 44.568, 274.835**.

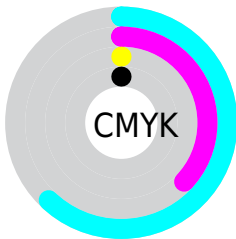
Distribution



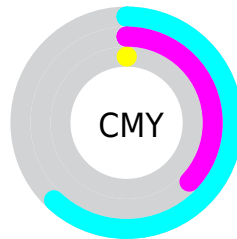
- Red (38%)
- Green (63%)
- Blue (100%)



- Red (38%)
- Yellow (56%)
- Blue (100%)



- Cyan (62%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)





- Cyan (62%)
- Magenta (37%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 53.411, 278.027 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, 53.411, 278.027 by changing the saturation by 10% instead.


 66, 53.411,
278.027


 66, 53.411,
278.027


 100, 53.411,
278.027


 56, 53.411,
278.027


 86, 53.411,
278.027

 46, 53.411,
278.027


 96, 53.411,
278.027

 36, 53.411,
278.027

 26, 53.411,
278.027

 16, 53.411,
278.027

 6, 53.411, 278.027

 0, 53.411, 278.027

■ 66, 53.411,
278.027

■ 66, 53.411,
278.027

■ 61, 62.100,
281.484

■ 71, 44.568,
274.835

■ 56, 71.143,
285.377

■ 77, 35.953,
272.152

■ 52, 80.426,
289.470

■ 82, 27.384,
269.866

■ 49, 87.779,
292.591

■ 88, 18.846,
267.928

■ 93, 10.343,
266.292

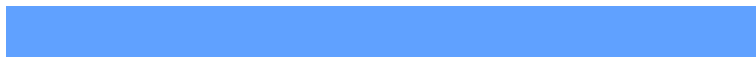
■ 99, 1.883, 265.040

■ 100, 0.012,
296.813

Harmonies

Complementary

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



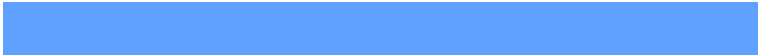
66, 53.411, 278.027



81, 57.131, 75.949

Rectangle

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



66, 53.411, 278.027



66, 53.411, 328.027



66, 53.411, 98.027



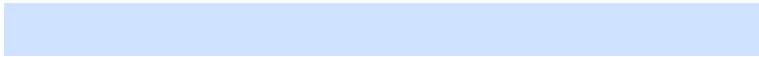
66, 53.411, 148.027

Sweetspot

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



66, 53.264, 277.947



89, 16.102, 267.369



91, 59.849, 161.002



46, 11.089, 267.863



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, 53.264, 277.947



60, 64.588, 282.535



51, 91.157, 301.844



50, 4.808, 265.897



36, 69.406, 291.862



10, 27.901, 286.065

Inverse Universe

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



64, 65.811, 357.560



59, 75.454, 1.112



96, 75.688, 108.515



50, 6.022, 349.666



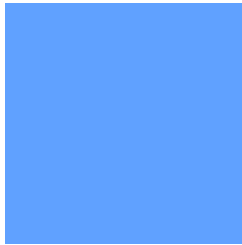
41, 68.222, 10.912



10, 31.321, 4.007

Previews

White Background



This preview shows how the CIE LCh color 66, 53.411, 278.027 looks on a white background.

Color Contrast Check

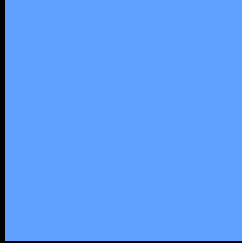
Large Text (above 18pt) WCAG AA × Fail

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, 53.411, 278.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

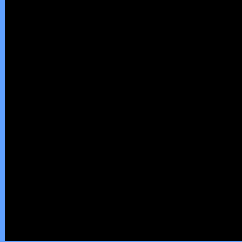
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

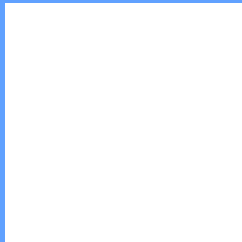
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 53.411, 278.027

Background



This preview shows how black text looks on a background with the CIELCh color 66, 53.411, 278.027.

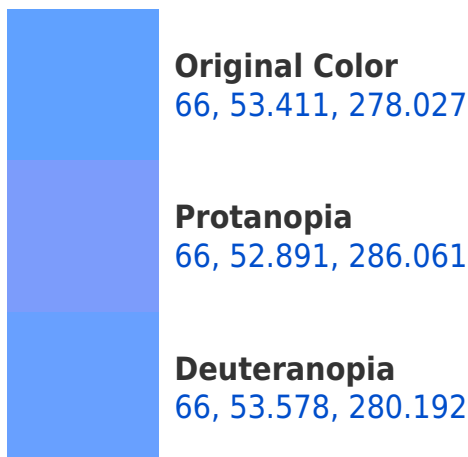


This preview shows how white text looks on a background with the CIELCh color 66, 53.411, 278.027.

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
66, 31.400, 211.539

Trichromacy



Original Color
66, 53.411, 278.027

Protanomaly
66, 52.673, 282.780

Deuteranomaly
66, 53.705, 279.568

Tritanomaly
66, 33.538, 243.778

Monochromacy



Original Color
66, 53.411, 278.027

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 20.310, 268.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 53.411, 278.027 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(96, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(96, 161, 255)  
}
```

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(96, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 161, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 53.411, 278.027 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(96, 161, 255) }
```

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

```
.border{ border-color:rgb(96, 161, 255) }
```

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

Here you see how a box with a 4 pixel rgb(96, 161, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 161, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 161, 255);  
box-shadow:4px 4px 4px 4px rgb(96, 161,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 53.411, 278.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 161, 255) }
```

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

```
.background{ background-color: rgb(96, 161,  
255) }
```

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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