

Converting Colors

CIELCh(66, 53.865, 286.170)

Have a look what the booklet for
CIELCh(66, 53.865, 286.170)
contains.

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Color

CIELCh(66, 53.958, 286.402)

Conversions

Conversions Part 1

Format	Color
Hex	7C9CFD
RGB	124, 156, 253
RGB Percent	49%, 61%, 99%
CMY	0.5122, 0.3869, 0.0063
CMYK	0.51, 0.38, 0.00, 0.01
HSL	225°, 98%, 74%
HSV	225°, 51%, 99%
XYZ	38.1060, 35.3238, 98.0610
YIQ	157.4900, -50.2090, 23.3830

Conversions

Conversions Part 2

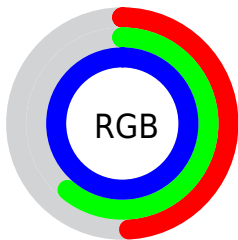
Format	Color
RYB	124, 150, 253
Decimal	8166653
CIELab	66.00, 15.24, -51.76
CIElCh	66, 53.958, 286.402
Yxy	35.3238, 0.2222, 0.2060
Android (android.graphics.Color)	4286356733 (0xFF7C9CFD)
YUV	157.4900, 47.0864, -29.3707
Hunter-Lab	59.4338, 10.4361, -56.2200

Details

The CIELCh color **66, 53.958, 286.402** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **89, 51.280, 90.946**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 24.961, 272.090**, and **46, 54.222, 286.668** is the 20% darker color. If you saturate the color by 10%, you get **60, 65.562, 289.113**, and if you desaturate by 10%, it is **72, 42.727, 284.036**.

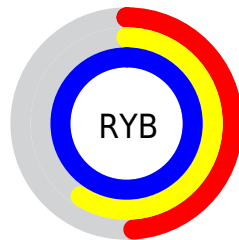
Distribution



Red (49%)

Green (61%)

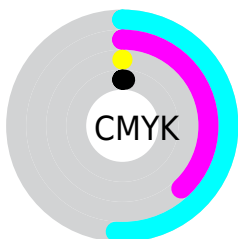
Blue (99%)



Red (49%)

Yellow (59%)

Blue (99%)

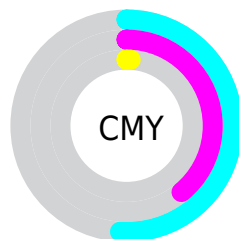


Cyan (51%)

Magenta (38%)

Yellow (0%)

Black (1%)



Cyan (51%)


Magenta (39%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 53.958, 286.402 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, 53.958, 286.402 by changing the saturation by 10% instead.


 66, 53.958,
286.402


 66, 53.958,
286.402


 100, 53.958,
286.402


 56, 53.958,
286.402


 86, 53.958,
286.402

 46, 53.958,
286.402

 96, 53.958,
286.402

 36, 53.958,
286.402

 26, 53.958,
286.402

 16, 53.958,
286.402

 6, 53.958, 286.402

 0, 53.958, 286.402

66, 53.958,
286.402

66, 53.958,
286.402

60, 65.562,
289.113

72, 42.727,
284.036

54, 77.539,
292.136

79, 31.840,
282.000

48, 89.765,
295.363

86, 21.258,
280.262

43, 101.859,
298.595

92, 10.955,
278.783

39, 112.123,
301.272

99, 0.911, 277.731

100, 0.807,
110.022

Harmonies

Complementary

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



66, 53.958, 286.402



89, 51.280, 90.946

Rectangle

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



66, 53.958, 286.402



66, 53.958, 336.402



66, 53.958, 106.402



66, 53.958, 156.402

Sweetspot

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



66, 53.957, 286.403



90, 15.217, 279.359



92, 43.592, 174.076



47, 10.409, 279.672



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, 53.957, 286.403



60, 66.011, 289.146



61, 72.955, 304.312



50, 5.730, 278.595



29, 89.304, 300.771



7, 35.751, 295.976

Inverse Universe

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



68, 52.554, 6.905



63, 63.015, 9.497



95, 64.542, 116.790



50, 5.531, 0.536



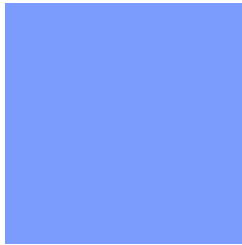
40, 72.723, 25.812



10, 31.712, 16.125

Previews

White Background



This preview shows how the CIELCh color 66, 53.958, 286.402 looks on a white background.

Color Contrast Check

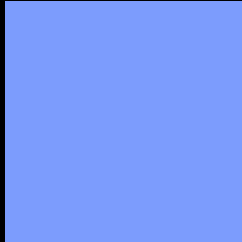
Large Text (above 18pt) WCAG AA × Fail

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, 53.958, 286.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

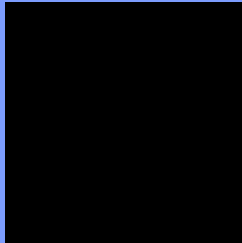
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

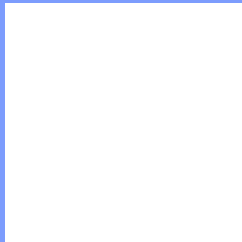
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 53.958, 286.402

Background



This preview shows how black text looks on a background with the CIELCh color 66, 53.958, 286.402.



This preview shows how white text looks on a background with the CIELCh color 66, 53.958, 286.402.

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, 53.958, 286.402

Protanopia

66, 53.963, 285.854

Deuteranopia

66, 52.334, 280.795



Tritanopia
66, 22.842, 217.792

Trichromacy



Original Color
66, 53.958, 286.402

Protanomaly
66, 53.932, 286.103

Deuteranomaly
66, 52.621, 282.722

Tritanomaly
66, 28.808, 257.109

Monochromacy



Original Color
66, 53.958, 286.402

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 20.256, 281.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 53.958, 286.402 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(124, 156, 253)` looks like.

```
.text, #text, p{  
    color:rgb(124, 156, 253)  
}
```

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(124, 156, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 156, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 53.958, 286.402 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(124, 156, 253) }
```

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

```
.border{ border-color:rgb(124, 156, 253) }
```

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

Here you see how a box with a 4 pixel rgb(124, 156, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 156, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 156, 253);  
box-shadow:4px 4px 4px 4px rgb(124, 156,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 53.958, 286.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 156, 253) }
```

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

```
.background{ background-color: rgb(124,  
156, 253) }
```

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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