

Converting Colors

CIELCh(65, 55.262, 283.914)

Have a look what the booklet for
CIELCh(65, 55.262, 283.914)
contains.

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Color

CIELCh(65, 55.463, 284.001)

Conversions

Conversions Part 1

Format	Color
Hex	6F9BFE
RGB	111, 155, 254
RGB Percent	44%, 61%, 100%
CMY	0.5640, 0.3916, 0.0033
CMYK	0.56, 0.39, 0.00, 0.00
HSL	222°, 99%, 72%
HSV	222°, 56%, 100%
XYZ	36.2373, 34.0472, 98.5630
YIQ	153.1300, -58.0030, 21.4610

Conversions

Conversions Part 2

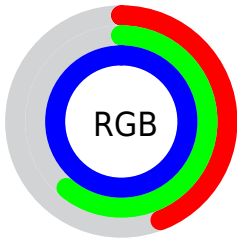
Format	Color
R _Y B	111, 145, 254
Decimal	7314430
CIE Lab	65.00, 13.42, -53.82
CIE LCh	65, 55.463, 284.001
Yxy	34.0472, 0.2146, 0.2016
Android (android.graphics.Color)	4285504510 (0xFF6F9BFE)
YUV	153.1300, 49.7289, -36.9480
Hunter-Lab	58.3500, 8.7421, -59.3059

Details

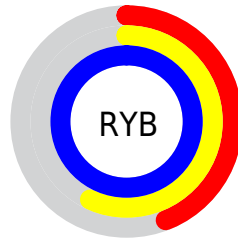
The CIELCh color **65, 55.463, 284.001** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **86, 54.313, 85.621**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 26.616, 265.860**, and **45, 55.886, 284.254** is the 20% darker color. If you saturate the color by 10%, you get **59, 66.141, 287.039**, and if you desaturate by 10%, it is **71, 45.084, 281.334**.

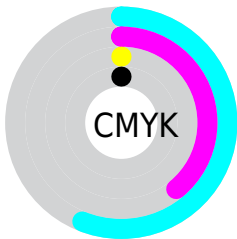
Distribution



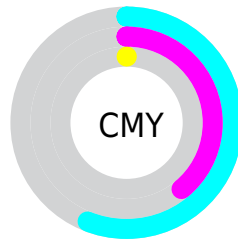
- Red (44%)
- Green (61%)
- Blue (100%)



- Red (44%)
- Yellow (57%)
- Blue (100%)



- Cyan (56%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)





- Cyan (56%)
- Magenta (39%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 55.463, 284.001 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 65, 55.463, 284.001 by changing the saturation by 10% instead.


 65, 55.463,
284.001


 65, 55.463,
284.001


 100, 55.463,
284.001


 55, 55.463,
284.001


 85, 55.463,
284.001

 45, 55.463,
284.001

 95, 55.463,
284.001

 35, 55.463,
284.001

 25, 55.463,
284.001

 15, 55.463,
284.001

 5, 55.463, 284.001

 0, 55.463, 284.001

■ 65, 55.463,
284.001

■ 65, 55.463,
284.001

■ 59, 66.141,
287.039

■ 71, 45.084,
281.334

■ 54, 77.135,
290.394

■ 77, 34.966,
279.031

■ 48, 88.362,
293.935

■ 83, 25.072,
277.062

■ 44, 99.529,
297.442

■ 90, 15.377,
275.385

■ 42, 103.600,
298.652

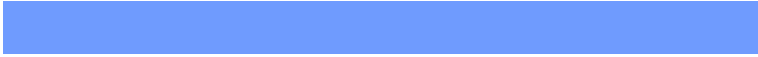
■ 96, 5.869, 273.973

100, 0.414,
109.960

Harmonies

Complementary

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



65, 55.463, 284.001



86, 54.313, 85.621

Rectangle

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



65, 55.463, 284.001



65, 55.463, 334.001



65, 55.463, 104.001



65, 55.463, 154.001

Sweetspot

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



65, 55.462, 284.002



89, 16.133, 275.500



91, 50.192, 168.404



46, 10.811, 275.820



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 55.462, 284.002



58, 68.217, 287.607



56, 81.372, 303.183



50, 5.360, 274.401



32, 82.194, 298.061



8, 32.991, 293.134

Inverse Universe

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



66, 58.570, 3.654



61, 69.435, 6.942



95, 70.026, 113.556



50, 5.687, 356.295



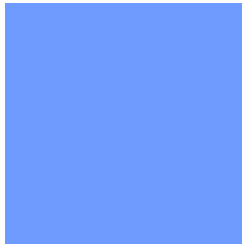
40, 70.432, 20.581



10, 31.431, 12.219

Previews

White Background



This preview shows how the CIELCh color 65, 55.463, 284.001 looks on a white background.

Color Contrast Check

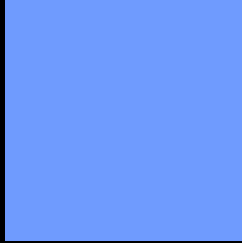
Large Text (above 18pt) WCAG AA × Fail

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 65, 55.463, 284.001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

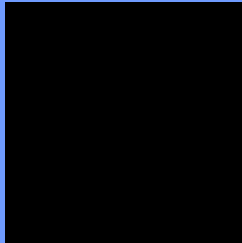
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

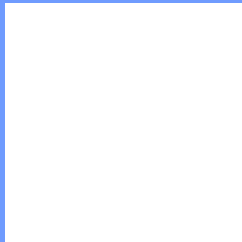
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 55.463, 284.001

Background



This preview shows how black text looks on a background with the CIELCh color 65, 55.463, 284.001.



This preview shows how white text looks on a background with the CIELCh color 65, 55.463, 284.001.

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


65, 55.463, 284.001

Protanopia

65, 55.257, 285.876

Deuteranopia

65, 54.314, 279.969



Tritanopia
65, 26.618, 214.600

Trichromacy



Original Color
65, 55.463, 284.001

Protanomaly
65, 55.320, 285.411

Deuteranomaly
65, 54.680, 281.301

Tritanomaly
65, 31.187, 252.318

Monochromacy



Original Color
65, 55.463, 284.001

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 20.641, 277.165

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 55.463, 284.001 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(111, 155, 254)` looks like.

```
.text, #text, p{  
    color:rgb(111, 155, 254)  
}
```

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(111, 155, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 155, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 55.463, 284.001 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(111, 155, 254) }
```

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

```
.border{ border-color:rgb(111, 155, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 155, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 155, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 155, 254);  
box-shadow:4px 4px 4px 4px rgb(111, 155,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 55.463, 284.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 155, 254) }
```

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

```
.background{ background-color: rgb(111,  
155, 254) }
```

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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