

Converting Colors

CIELCh(65, 53.920, 272.899)

Have a look what the booklet for
CIELCh(65, 53.920, 272.899)
contains.

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Color

CIELCh(65, 54.132, 273.113)

Conversions

Conversions Part 1

Format	Color
Hex	45A1FE
RGB	69, 161, 254
RGB Percent	27%, 63%, 100%
CMY	0.7311, 0.3672, 0.0023
CMYK	0.73, 0.37, 0.00, 0.00
HSL	210°, 99%, 63%
HSV	210°, 73%, 100%
XYZ	33.1851, 34.0472, 98.9254
YIQ	144.0940, -84.6850, 9.4190

Conversions

Conversions Part 2

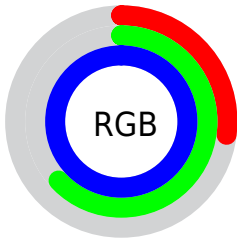
Format	Color
R _{YB}	69, 130, 254
Decimal	4563454
CIE _{Lab}	65.00, 2.94, -54.05
CIE _{LCh}	65, 54.132, 273.113
Y _{xy}	34.0472, 0.1997, 0.2049
Android (android.graphics.Color)	4282753534 (0xFF45A1FE)
YUV	144.0940, 54.1837, -65.8574
Hunter-Lab	58.3500, -0.5949, -59.6742

Details

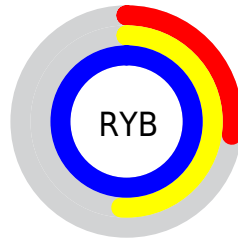
The CIELCh color **65, 54.132, 273.113** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **74, 66.219, 65.955**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 30.089, 243.432**, and **46, 53.025, 277.947** is the 20% darker color. If you saturate the color by 10%, you get **61, 61.210, 277.360**, and if you desaturate by 10%, it is **69, 47.082, 269.325**.

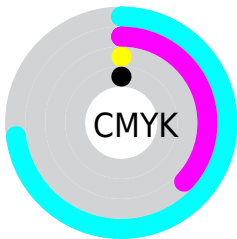
Distribution



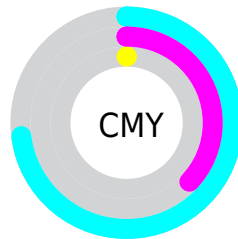
- Red (27%)
- Green (63%)
- Blue (100%)



- Red (27%)
- Yellow (51%)
- Blue (100%)



- Cyan (73%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)





- Cyan (73%)
- Magenta (37%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 54.132, 273.113 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, 54.132, 273.113 by changing the saturation by 10% instead.


 65, 54.132,
273.113


 65, 54.132,
273.113


 100, 54.132,
273.113


 55, 54.132,
273.113


 85, 54.132,
273.113

 45, 54.132,
273.113

 95, 54.132,
273.113

 35, 54.132,
273.113

 25, 54.132,
273.113

 15, 54.132,
273.113

 5, 54.132, 273.113

 0, 54.132, 273.113

65, 54.132,
273.113

65, 54.132,
273.113

61, 61.210,
277.360

69, 47.082,
269.325

57, 68.440,
281.918

74, 39.962,
266.041

54, 73.624,
285.088

79, 32.713,
263.250

83, 25.314,
260.903

88, 17.775,
258.940

93, 10.120,
257.305

98, 2.378, 256.054

100, 0.292,
109.891

Harmonies

Complementary

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



65, 54.132, 273.113



74, 66.219, 65.955

Rectangle

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



65, 54.132, 273.113



65, 54.132, 323.113



65, 54.132, 93.113



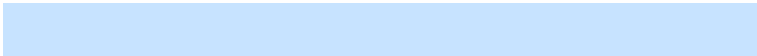
65, 54.132, 143.113

Sweetspot

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



65, 54.131, 273.114



89, 17.013, 258.755



89, 73.220, 154.480



46, 11.412, 259.244



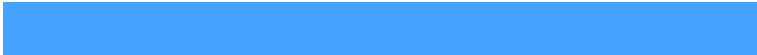
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 54.131, 273.114



59, 64.890, 279.597



42, 108.072, 302.655



51, 4.427, 256.801



41, 58.388, 284.254



12, 23.762, 277.704

Inverse Universe

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



60, 76.118, 353.665



56, 82.900, 358.167



97, 84.964, 103.701



50, 6.380, 344.445



41, 68.240, 2.177



10, 31.862, 356.567

Previews

White Background



This preview shows how the CIE LCh color 65, 54.132, 273.113 looks on a white background.

Color Contrast Check

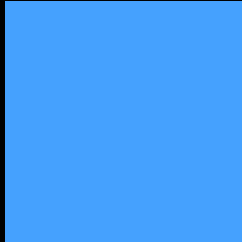
Large Text (above 18pt) WCAG AA × Fail

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, 54.132, 273.113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

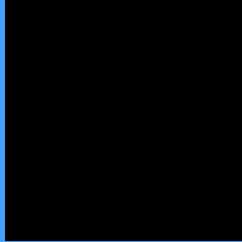
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

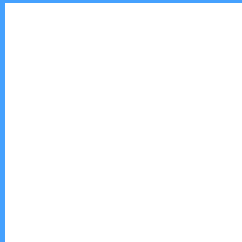
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 54.132, 273.113

Background



This preview shows how black text looks on a background with the CIELCh color 65, 54.132, 273.113.



This preview shows how white text looks on a background with the CIELCh color 65, 54.132, 273.113.

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

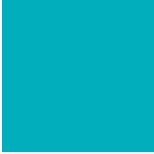
65, 54.092, 273.248

Protanopia

65, 51.965, 285.543

Deuteranopia

65, 55.473, 280.159



Tritanopia
65, 36.298, 209.212

Trichromacy



Original Color
65, 54.092, 273.248

Protanomaly
65, 52.649, 280.107

Deuteranomaly
65, 54.853, 277.300

Tritanomaly
64, 37.578, 237.554

Monochromacy



Original Color
65, 54.092, 273.248

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 21.555, 262.237

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 54.132, 273.113 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(69, 161, 254)` looks like.

```
.text, #text, p{  
    color:rgb(69, 161, 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(69, 161, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 161, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 54.132, 273.113 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(69, 161, 254) }
```

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

```
.border{ border-color:rgb(69, 161, 254) }
```

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

Here you see how a box with a 4 pixel rgb(69, 161, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 161, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 161, 254);  
box-shadow:4px 4px 4px 4px rgb(69, 161,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 54.132, 273.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 161, 254) }
```

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

```
.background{ background-color: rgb(69, 161,  
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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