

Converting Colors

CIELCh(65, 51.857, 272.568)

Have a look what the booklet for
CIELCh(65, 51.857, 272.568)
contains.

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Color

CIELCh(65, 51.900, 272.740)

Conversions

Conversions Part 1

Format	Color
Hex	4BA1FA
RGB	75, 161, 250
RGB Percent	29%, 63%, 98%
CMY	0.7040, 0.3673, 0.0182
CMYK	0.70, 0.36, 0.00, 0.02
HSL	211°, 95%, 64%
HSV	211°, 70%, 98%
XYZ	33.0556, 34.0472, 95.5758
YIQ	145.4320, -79.8250, 9.4470

Conversions

Conversions Part 2

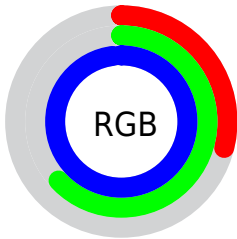
Format	Color
R _Y B	75, 133, 250
Decimal	4956666
CIE Lab	65.00, 2.48, -51.84
CIE LCh	65, 51.900, 272.740
Yxy	34.0472, 0.2032, 0.2093
Android (android.graphics.Color)	4283146746 (0xFF4BA1FA)
YUV	145.4320, 51.5520, -61.7689
Hunter-Lab	58.3500, -0.9911, -56.2706

Details

The CIELCh color **65, 51.900, 272.740** 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 **75, 62.376, 67.231**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 29.408, 244.806**, and **46, 50.929, 276.459** is the 20% darker color. If you saturate the color by 10%, you get **61, 59.039, 276.822**, and if you desaturate by 10%, it is **69, 44.774, 269.130**.

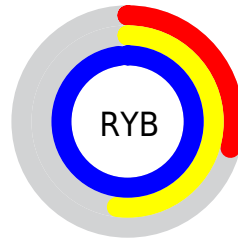
Distribution



Red (29%)

Green (63%)

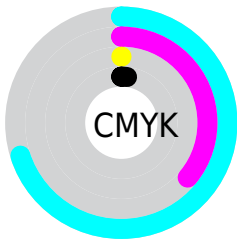
Blue (98%)



Red (29%)

Yellow (52%)

Blue (98%)

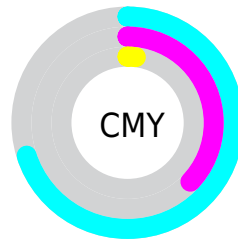


Cyan (70%)

Magenta (36%)

Yellow (0%)

Black (2%)



Cyan (70%)


Magenta (37%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 51.900, 272.740 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, 51.900, 272.740 by changing the saturation by 10% instead.


 65, 51.900,
272.740


 65, 51.900,
272.740


 100, 51.900,
272.740


 55, 51.900,
272.740


 85, 51.900,
272.740

 45, 51.900,
272.740

 95, 51.900,
272.740

 35, 51.900,
272.740

 25, 51.900,
272.740

 15, 51.900,
272.740

 5, 51.900, 272.740

 0, 51.900, 272.740

65, 51.900,
272.740

65, 51.900,
272.740

61, 59.039,
276.822

69, 44.774,
269.130

57, 66.305,
281.261

74, 37.577,
266.018

53, 73.808,
285.788

79, 30.263,
263.379

53, 73.923,
285.852

84, 22.820,
261.160

89, 15.260,
259.303

93, 7.608, 257.761

98, 0.107, 72.399

100, 2.337,
109.970

Harmonies

Complementary

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



65, 51.900, 272.740



75, 62.376, 67.231

Rectangle

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



65, 51.900, 272.740



65, 51.900, 322.740



65, 51.900, 92.740



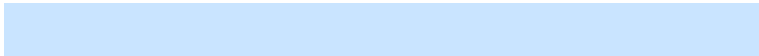
65, 51.900, 142.740

Sweetspot

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



65, 51.899, 272.741



89, 16.376, 259.503



88, 69.876, 155.088



46, 11.068, 259.994



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, 51.899, 272.741



60, 62.959, 278.667



44, 101.929, 301.950



50, 4.385, 257.712



40, 58.735, 285.024



11, 23.331, 278.192

Inverse Universe

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



60, 72.808, 353.479



57, 81.471, 357.488



96, 81.322, 103.896



49, 6.240, 344.906



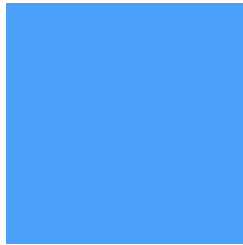
41, 67.485, 2.939



10, 30.982, 356.938

Previews

White Background



This preview shows how the CIE LCh color 65, 51.900, 272.740 looks on a white background.

Color Contrast Check

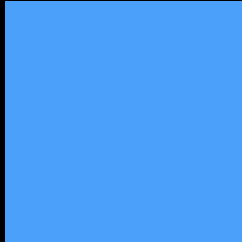
Large Text (above 18pt) WCAG AA × Fail

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, 51.900, 272.740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

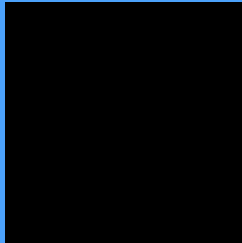
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

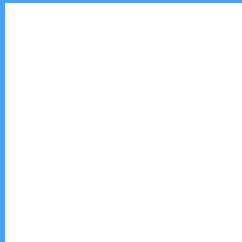
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 51.900, 272.740

Background



This preview shows how black text looks on a background with the CIELCh color 65, 51.900, 272.740.

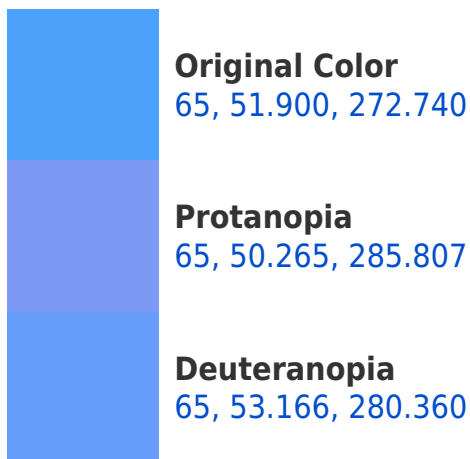


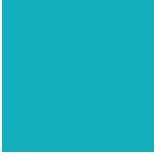
This preview shows how white text looks on a background with the CIELCh color 65, 51.900, 272.740.

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](#).

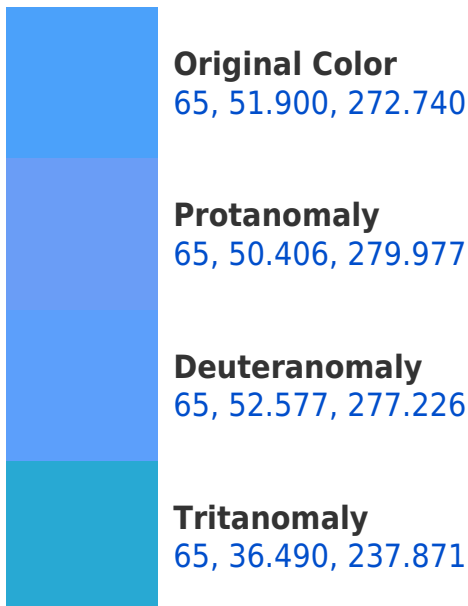
Dichromacy



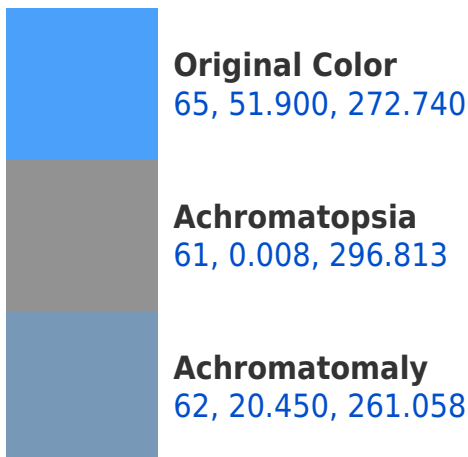


Tritanopia
65, 35.607, 209.508

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 51.900, 272.740 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(75, 161, 250)` looks like.

```
.text, #text, p{  
    color:rgb(75, 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(75, 161, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 161, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 51.900, 272.740 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(75, 161, 250) }
```

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

```
.border{ border-color:rgb(75, 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(75, 161, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 161, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 161, 250);  
box-shadow:4px 4px 4px 4px rgb(75, 161,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 51.900, 272.740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 161, 250) }
```

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

```
.background{ background-color: rgb(75, 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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