

Converting Colors

CIELCh(65, 52.582, 278.347)

Have a look what the booklet for
CIELCh(65, 52.582, 278.347)
contains.

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Color

CIELCh(65, 52.905, 278.574)

Conversions

Conversions Part 1

Format	Color
Hex	609EFB
RGB	96, 158, 251
RGB Percent	38%, 62%, 98%
CMY	0.6221, 0.3792, 0.0144
CMYK	0.62, 0.37, 0.00, 0.01
HSL	216°, 95%, 68%
HSV	216°, 62%, 99%
XYZ	34.6039, 34.0472, 96.2859
YIQ	150.0640, -66.8050, 15.7790

Conversions

Conversions Part 2

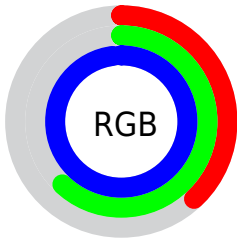
Format	Color
R _Y B	96, 140, 251
Decimal	6332155
CIE Lab	65.00, 7.89, -52.31
CIE LCh	65, 52.905, 278.574
Yxy	34.0472, 0.2098, 0.2064
Android (android.graphics.Color)	4284522235 (0xFF609EFB)
YUV	150.0640, 49.7614, -47.4141
Hunter-Lab	58.3500, 3.7455, -56.9922

Details

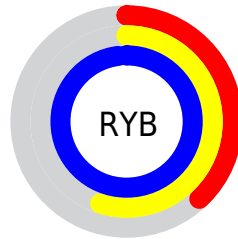
The CIELCh color **65, 52.905, 278.574** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **81, 56.144, 76.913**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 27.436, 255.271**, and **45, 53.103, 278.743** is the 20% darker color. If you saturate the color by 10%, you get **60, 61.816, 282.058**, and if you desaturate by 10%, it is **70, 44.147, 275.510**.

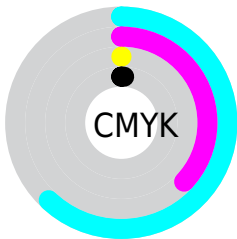
Distribution



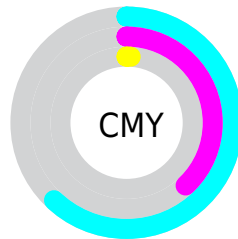
- Red (38%)
- Green (62%)
- Blue (98%)



- Red (38%)
- Yellow (55%)
- Blue (98%)



- Cyan (62%)
- Magenta (37%)
- Yellow (0%)
- Black (1%)





- Cyan (62%)
- Magenta (38%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 52.905, 278.574 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, 52.905, 278.574 by changing the saturation by 10% instead.


 65, 52.905,
278.574


 65, 52.905,
278.574


 100, 52.905,
278.574


 55, 52.905,
278.574


 85, 52.905,
278.574

 45, 52.905,
278.574

 95, 52.905,
278.574

 35, 52.905,
278.574

 25, 52.905,
278.574

 15, 52.905,
278.574

 5, 52.905, 278.574

 0, 52.905, 278.574

■ 65, 52.905,
278.574

■ 65, 52.905,
278.574

■ 60, 61.816,
282.058

■ 70, 44.147,
275.510

■ 55, 70.945,
285.893

■ 76, 35.487,
272.867

■ 51, 80.311,
289.927

■ 81, 26.890,
270.614

■ 47, 88.260,
293.228

■ 87, 18.342,
268.701

■ 92, 9.843, 267.087

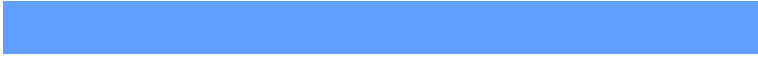
■ 98, 1.401, 265.906

100, 1.851,
109.998

Harmonies

Complementary

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



65, 52.905, 278.574



81, 56.144, 76.913

Rectangle

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



65, 52.905, 278.574



65, 52.905, 328.574



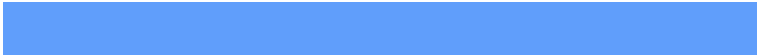
65, 52.905, 98.574



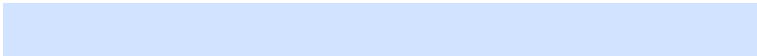
65, 52.905, 148.574

Sweetspot

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



65, 52.904, 278.575



90, 15.409, 268.081



90, 57.815, 162.106



46, 10.717, 268.574



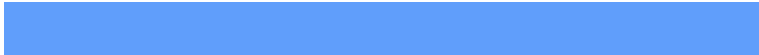
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 52.904, 278.575



60, 64.694, 282.951



51, 89.149, 302.078



49, 4.776, 266.775



35, 69.843, 292.504



9, 27.409, 286.474

Inverse Universe

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



63, 64.368, 358.112



59, 74.677, 1.553



95, 74.344, 109.358



49, 5.888, 350.256



40, 67.644, 11.791



10, 30.485, 4.441

Previews

White Background



This preview shows how the CIE LCh color 65, 52.905, 278.574 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, 52.905, 278.574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

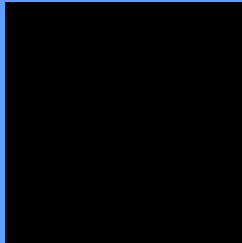
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

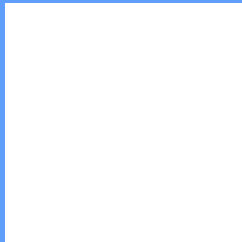
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 65, 52.905, 278.574

Background



This preview shows how black text looks on a background with the CIELCh color 65, 52.905, 278.574.




This preview shows how white text looks on a background with the CIELCh color 65, 52.905, 278.574.

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, 30.502, 212.063

Trichromacy



Original Color
65, 52.905, 278.574

Protanomaly
65, 52.212, 282.918

Deuteranomaly
65, 53.765, 280.194

Tritanomaly
65, 33.020, 244.935

Monochromacy



Original Color
65, 52.905, 278.574

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 20.262, 269.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 52.905, 278.574 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, 158, 251)` looks like.

```
.text, #text, p{  
    color:rgb(96, 158, 251)  
}
```

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, 158, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 158, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 52.905, 278.574 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, 158, 251) }
```

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

```
.border{ border-color:rgb(96, 158, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 158, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 158, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 158, 251);  
box-shadow:4px 4px 4px 4px rgb(96, 158,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 52.905, 278.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 158, 251) }
```

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

```
.background{ background-color: rgb(96, 158,  
251) }
```

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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