

Converting Colors

CIELCh(64, 56.619, 281.064)

Have a look what the booklet for
CIELCh(64, 56.619, 281.064)
contains.

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Color

CIELCh(64, 56.619, 281.064)

Conversions

Conversions Part 1

Format	Color
Hex	5E9AFE
RGB	94, 154, 254
RGB Percent	37%, 60%, 100%
CMY	0.6297, 0.3948, 0.0025
CMYK	0.63, 0.39, 0.00, 0.00
HSL	218°, 99%, 68%
HSV	218°, 63%, 100%
XYZ	34.2180, 32.8017, 98.6046
YIQ	147.4600, -67.8600, 18.3800

Conversions

Conversions Part 2

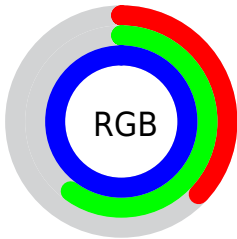
Format	Color
R _Y B	94, 138, 254
Decimal	6200062
CIE Lab	64.00, 10.87, -55.57
CIE LCh	64, 56.619, 281.064
Yxy	32.8017, 0.2066, 0.1980
Android (android.graphics.Color)	4284390142 (0xFF5E9AFE)
YUV	147.4600, 52.5242, -46.8844
Hunter-Lab	57.2727, 6.4188, -61.9868

Details

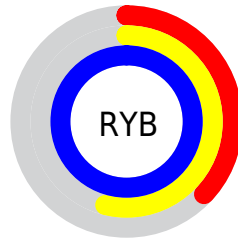
The CIELCh color **64, 56.619, 281.064** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **82, 58.462, 78.952**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 28.715, 259.720**, and **44, 56.446, 281.412** is the 20% darker color. If you saturate the color by 10%, you get **59, 66.153, 284.526**, and if you desaturate by 10%, it is **69, 47.297, 277.998**.

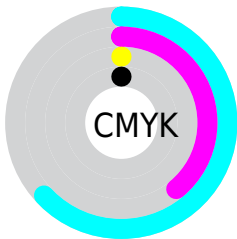
Distribution



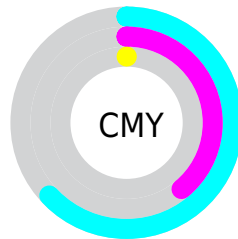
- Red (37%)
- Green (60%)
- Blue (100%)



- Red (37%)
- Yellow (54%)
- Blue (100%)



- Cyan (63%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)





- Cyan (63%)
- Magenta (39%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 56.619, 281.064 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 64, 56.619, 281.064 by changing the saturation by 10% instead.

 64, 56.619,
281.064

 64, 56.619,
281.064


 100, 56.619,
281.064


 54, 56.619,
281.064


 84, 56.619,
281.064

 44, 56.619,
281.064

 94, 56.619,
281.064

 34, 56.619,
281.064

 24, 56.619,
281.064

 14, 56.619,
281.064

 4, 56.619, 281.064

 0, 56.619, 281.064

■ 64, 56.619,
281.064

■ 64, 56.619,
281.064

■ 59, 66.153,
284.526

■ 69, 47.297,
277.998

■ 54, 75.943,
288.298

■ 75, 38.135,
275.340

■ 49, 85.954,
292.212

■ 81, 29.090,
273.066

■ 46, 93.134,
294.905

■ 87, 20.142,
271.132

■ 92, 11.283,
269.493

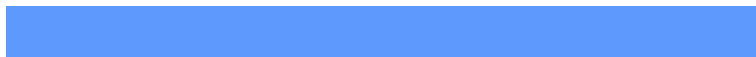
■ 98, 2.516, 268.183

■ 100, 0.308,
109.904

Harmonies

Complementary

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



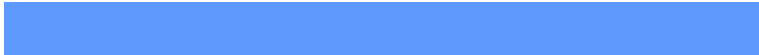
64, 56.619, 281.064



82, 58.462, 78.952

Rectangle

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



64, 56.619, 281.064



64, 56.619, 331.064



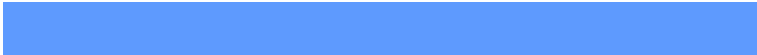
64, 56.619, 101.064



64, 56.619, 151.064

Sweetspot

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



64, 56.618, 281.065



89, 16.729, 270.464



90, 58.368, 162.929



46, 11.530, 270.953



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 56.618, 281.065



58, 68.346, 285.308



50, 91.882, 302.638



50, 4.984, 269.003



35, 73.790, 294.225



9, 29.608, 288.727

Inverse Universe

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



63, 65.618, 0.282



59, 75.048, 3.903



96, 76.386, 110.096



50, 5.899, 351.840



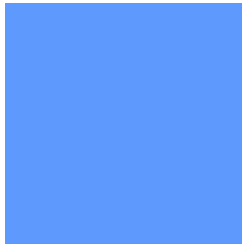
41, 68.716, 14.275



10, 31.283, 6.964

Previews

White Background



This preview shows how the CIELCh color 64, 56.619, 281.064 looks on a white background.

Color Contrast Check

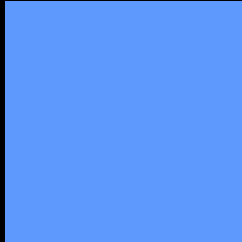
Large Text (above 18pt) WCAG AA × Fail

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 64, 56.619, 281.064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

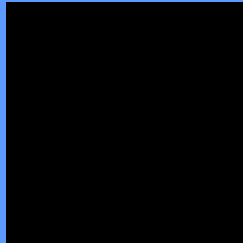
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

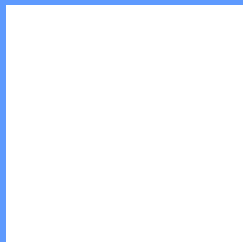
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 56.619, 281.064

Background



This preview shows how black text looks on a background with the CIELCh color 64, 56.619, 281.064.



This preview shows how white text looks on a background with the CIELCh color 64, 56.619, 281.064.

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

64, 56.619, 281.064

Protanopia

64, 55.994, 285.985

Deuteranopia

64, 56.241, 279.838



Tritanopia
64, 31.128, 211.736

Trichromacy



Original Color
64, 56.619, 281.064

Protanomaly
64, 56.193, 284.169

Deuteranomaly
64, 56.165, 280.195

Tritanomaly
64, 33.849, 246.464

Monochromacy



Original Color
64, 56.619, 281.064

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 21.674, 273.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 56.619, 281.064 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(94, 154, 254)` looks like.

```
.text, #text, p{  
    color:rgb(94, 154, 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(94, 154, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 154, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 56.619, 281.064 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(94, 154, 254) }
```

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

```
.border{ border-color:rgb(94, 154, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 154, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 154, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 154, 254);  
box-shadow:4px 4px 4px 4px rgb(94, 154,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 56.619, 281.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 154, 254) }
```

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

```
.background{ background-color: rgb(94, 154,  
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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