

Converting Colors

CIELCh(63, 56.001, 282.386)

Have a look what the booklet for
CIELCh(63, 56.001, 282.386)
contains.

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Color

CIELCh(63, 56.001, 282.386)

Conversions

Conversions Part 1

Format	Color
Hex	6297FA
RGB	98, 151, 250
RGB Percent	38%, 59%, 98%
CMY	0.6161, 0.4082, 0.0200
CMYK	0.61, 0.40, 0.00, 0.02
HSL	219°, 94%, 68%
HSV	219°, 61%, 98%
XYZ	33.3130, 31.5869, 94.6931
YIQ	146.4390, -63.3670, 19.5530

Conversions

Conversions Part 2

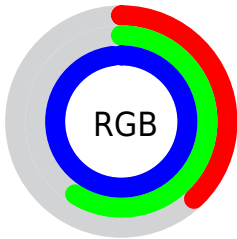
Format	Color
R _Y B	98, 137, 250
Decimal	6461434
CIE Lab	63.00, 12.01, -54.70
CIE LCh	63, 56.001, 282.386
Yxy	31.5869, 0.2087, 0.1979
Android (android.graphics.Color)	4284651514 (0xFF6297FA)
YUV	146.4390, 51.0556, -42.4810
Hunter-Lab	56.2022, 7.4492, -60.5540

Details

The CIELCh color **63, 56.001, 282.386** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **82, 56.468, 81.516**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 29.449, 264.133**, and **43, 55.939, 282.312** is the 20% darker color. If you saturate the color by 10%, you get **58, 65.859, 285.693**, and if you desaturate by 10%, it is **69, 46.387, 279.463**.

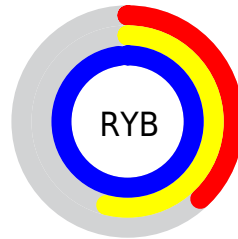
Distribution



Red (38%)

Green (59%)

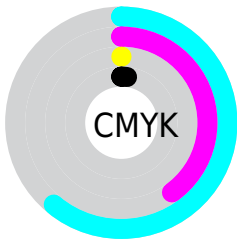
Blue (98%)



Red (38%)

Yellow (54%)

Blue (98%)

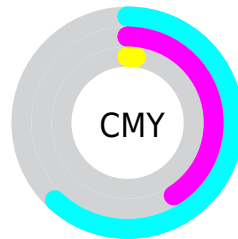


Cyan (61%)

Magenta (40%)

Yellow (0%)

Black (2%)



Cyan (62%)

Magenta (41%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 56.001, 282.386 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 63, 56.001, 282.386 by changing the saturation by 10% instead.

■ 63, 56.001,
282.386

■ 63, 56.001,
282.386

■ 100, 56.001,
282.386

■ 53, 56.001,
282.386

■ 83, 56.001,
282.386

■ 43, 56.001,
282.386

■ 93, 56.001,
282.386

■ 33, 56.001,
282.386

■ 23, 56.001,
282.386

■ 13, 56.001,
282.386

■ 3, 56.001, 282.386

■ 0, 56.001, 282.386

63, 56.001,
282.386

63, 56.001,
282.386

58, 65.859,
285.693

69, 46.387,
279.463

52, 75.991,
289.309

74, 36.971,
276.931

48, 86.337,
293.078

80, 27.716,
274.764

44, 95.832,
296.419

86, 18.597,
272.919

92, 9.605, 271.355

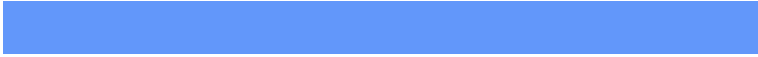
98, 0.738, 270.375

100, 2.580,
109.955

Harmonies

Complementary

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



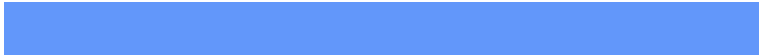
63, 56.001, 282.386



82, 56.468, 81.516

Rectangle

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



63, 56.001, 282.386



63, 56.001, 332.386



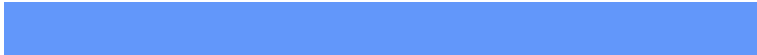
63, 56.001, 102.386



63, 56.001, 152.386

Sweetspot

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



63, 56.000, 282.387



89, 16.307, 272.452



89, 54.332, 165.429



46, 11.354, 272.936



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 56.000, 282.387



58, 69.168, 286.484



51, 87.315, 303.029



49, 5.039, 271.167



33, 76.203, 295.772



8, 29.849, 290.204

Inverse Universe

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



63, 62.517, 1.675



59, 73.494, 5.300



94, 73.537, 111.788



49, 5.717, 353.511



40, 68.556, 16.681



9, 30.467, 8.548

Previews

White Background



This preview shows how the CIELCh color 63, 56.001, 282.386 looks on a white background.

Color Contrast Check

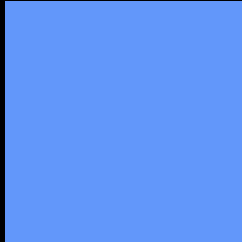
Large Text (above 18pt) WCAG AA × Fail

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 63, 56.001, 282.386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

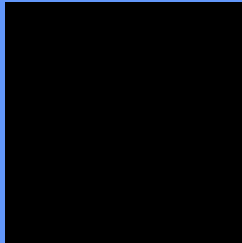
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

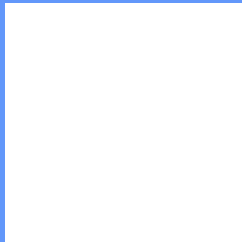
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 56.001, 282.386

Background



This preview shows how black text looks on a background with the CIELCh color 63, 56.001, 282.386.



This preview shows how white text looks on a background with the CIELCh color 63, 56.001, 282.386.

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

63, 56.001, 282.386

Protanopia

63, 56.142, 286.380

Deuteranopia

63, 55.800, 280.185



Tritanopia
63, 29.288, 211.677

Trichromacy



Original Color
63, 56.001, 282.386

Protanomaly
63, 56.267, 284.997

Deuteranomaly
63, 55.686, 280.733

Tritanomaly
63, 32.455, 248.026

Monochromacy



Original Color
63, 56.001, 282.386

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 21.021, 274.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 56.001, 282.386 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(98, 151, 250)` looks like.

```
.text, #text, p{  
    color:rgb(98, 151, 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(98, 151, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 151, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 56.001, 282.386 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(98, 151, 250) }
```

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

```
.border{ border-color:rgb(98, 151, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 151, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 151, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 151, 250);  
box-shadow:4px 4px 4px 4px rgb(98, 151,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 56.001, 282.386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 151, 250) }
```

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

```
.background{ background-color: rgb(98, 151,  
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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