

Converting Colors

CIELCh(63, 52.067, 279.057)

Have a look what the booklet for
CIELCh(63, 52.067, 279.057)
contains.

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Color

CIELCh(63, 51.980, 279.020)

Conversions

Conversions Part 1

Format	Color
Hex	5E99F4
RGB	94, 153, 244
RGB Percent	37%, 60%, 96%
CMY	0.6325, 0.4009, 0.0441
CMYK	0.62, 0.37, 0.00, 0.04
HSL	216°, 87%, 66%
HSV	216°, 62%, 96%
XYZ	32.2299, 31.5869, 89.7801
YIQ	145.7330, -64.3750, 15.7930

Conversions

Conversions Part 2

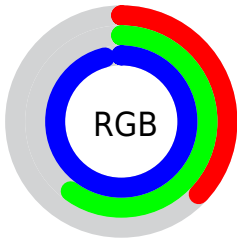
Format	Color
R _{YB}	94, 136, 244
Decimal	6199796
CIE Lab	63.00, 8.15, -51.34
CIE LCh	63, 51.980, 279.020
Yxy	31.5869, 0.2098, 0.2056
Android (android.graphics.Color)	4284389876 (0xFF5E99F4)
YUV	145.7330, 48.4456, -45.3698
Hunter-Lab	56.2022, 4.0093, -55.3711

Details

The CIELCh color **63, 51.980, 279.020** 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 **79, 54.805, 77.489**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 29.289, 259.952**, and **43, 51.627, 278.701** is the 20% darker color. If you saturate the color by 10%, you get **58, 60.786, 282.473**, and if you desaturate by 10%, it is **68, 43.334, 275.982**.

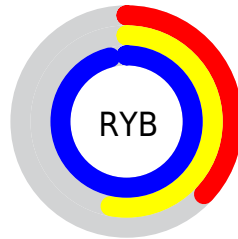
Distribution



Red (37%)

Green (60%)

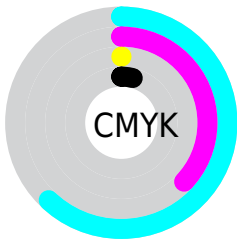
Blue (96%)



Red (37%)

Yellow (53%)

Blue (96%)

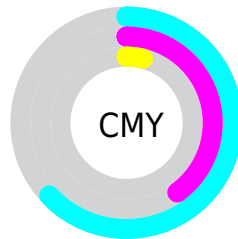


Cyan (62%)

Magenta (37%)

Yellow (0%)

Black (4%)



Cyan (63%)

Magenta (40%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 51.980, 279.020 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, 51.980, 279.020 by changing the saturation by 10% instead.

■ 63, 51.980,
279.020

■ 63, 51.980,
279.020

■ 100, 51.980,
279.020

■ 53, 51.980,
279.020

■ 83, 51.980,
279.020

■ 43, 51.980,
279.020

■ 93, 51.980,
279.020

■ 33, 51.980,
279.020

■ 23, 51.980,
279.020

■ 13, 51.980,
279.020

■ 3, 51.980, 279.020

■ 0, 51.980, 279.020

■ 63, 51.980,
279.020

■ 63, 51.980,
279.020

■ 58, 60.786,
282.473

■ 68, 43.334,
275.982

■ 53, 69.810,
286.271

■ 73, 34.796,
273.359

■ 49, 79.068,
290.267

■ 79, 26.330,
271.121

■ 45, 87.015,
293.572

■ 84, 17.923,
269.221

■ 90, 9.573, 267.615

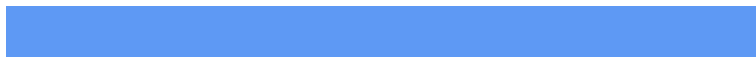
■ 95, 1.286, 266.452

■ 100, 5.697,
109.738

Harmonies

Complementary

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



63, 51.980, 279.020



79, 54.805, 77.489

Rectangle

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



63, 51.980, 279.020



63, 51.980, 329.020



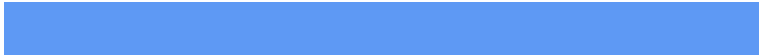
63, 51.980, 99.020



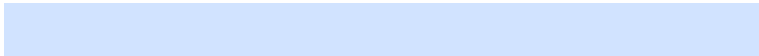
63, 51.980, 149.020

Sweetspot

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



63, 51.979, 279.021



90, 15.511, 268.626



87, 56.336, 162.140



46, 10.789, 269.118



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, 51.979, 279.021



59, 65.333, 283.443



49, 86.788, 302.042



48, 4.725, 267.319



35, 69.816, 292.884



8, 26.717, 286.567

Inverse Universe

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



61, 62.602, 358.505



59, 74.597, 2.035



93, 72.437, 109.369



48, 5.768, 350.631



39, 67.032, 12.322



9, 29.652, 4.501

Previews

White Background



This preview shows how the CIELCh color 63, 51.980, 279.020 looks on a white background.

Color Contrast Check

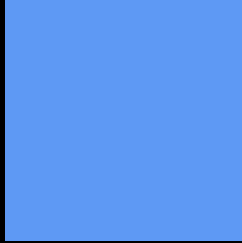
Large Text (above 18pt) WCAG AA × Fail

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, 51.980, 279.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

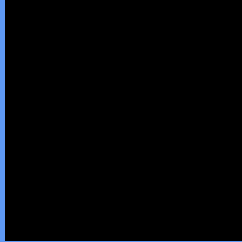
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

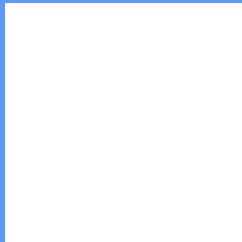
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 51.980, 279.020

Background



This preview shows how black text looks on a background with the CIELCh color 63, 51.980, 279.020.



This preview shows how white text looks on a background with the CIELCh color 63, 51.980, 279.020.

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, 51.980, 279.020

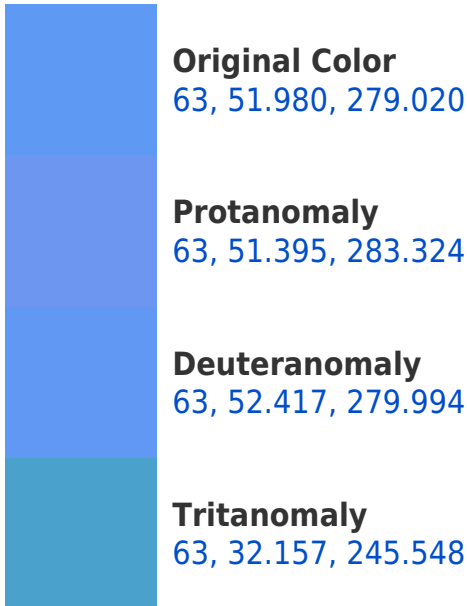
Protanopia
63, 51.135, 285.692

Deuteranopia
63, 52.375, 280.207

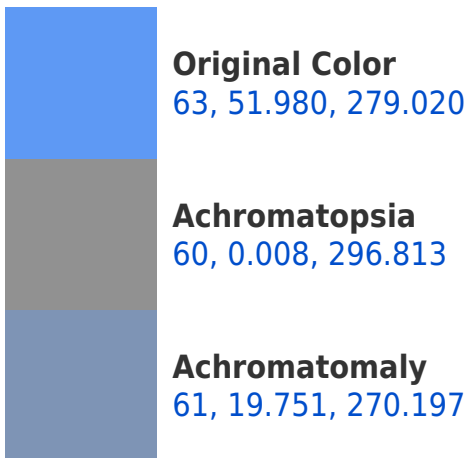


Tritanopia
63, 29.632, 212.631

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 51.980, 279.020 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, 153, 244)` looks like.

```
.text, #text, p{  
    color:rgb(94, 153, 244)  
}
```

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, 153, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 153, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 51.980, 279.020 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, 153, 244) }
```

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

```
.border{ border-color:rgb(94, 153, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 153, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 153, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 153, 244);  
box-shadow:4px 4px 4px 4px rgb(94, 153,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 51.980, 279.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 153, 244) }
```

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

```
.background{ background-color: rgb(94, 153,  
244) }
```

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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