

Converting Colors

CIELCh(61, 60.730, 279.226)

Have a look what the booklet for
CIELCh(61, 60.730, 279.226)
contains.

CIELCh(61, 60.894, 279.219)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 60.894, 279.219)

Conversions

Conversions Part 1

Format	Color
Hex	3D94FE
RGB	61, 148, 254
RGB Percent	24%, 58%, 100%
CMY	0.7620, 0.4203, 0.0047
CMYK	0.76, 0.42, 0.00, 0.00
HSL	213°, 99%, 62%
HSV	213°, 76%, 100%
XYZ	30.3236, 29.2481, 97.6422
YIQ	134.0710, -85.8780, 14.5220

Conversions

Conversions Part 2

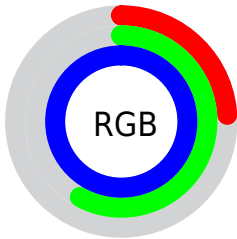
Format	Color
R _Y B	61, 121, 254
Decimal	4035838
CIE Lab	61.00, 9.76, -60.11
CIE LCh	61, 60.894, 279.219
Yxy	29.2481, 0.1929, 0.1860
Android (android.graphics.Color)	4282225918 (0xFF3D94FE)
YUV	134.0710, 59.1250, -64.0833
Hunter-Lab	54.0815, 5.4426, -69.1888

Details

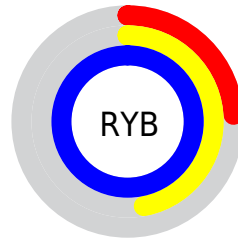
The CIELCh color **61, 60.894, 279.219** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **75, 68.943, 69.836**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 33.642, 256.605**, and **42, 60.038, 284.534** is the 20% darker color. If you saturate the color by 10%, you get **57, 69.065, 283.391**, and if you desaturate by 10%, it is **66, 52.886, 275.407**.

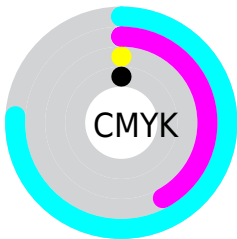
Distribution



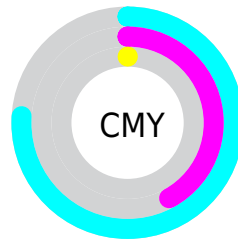
- Red (24%)
- Green (58%)
- Blue (100%)



- Red (24%)
- Yellow (47%)
- Blue (100%)



- Cyan (76%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (76%)
- Magenta (42%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 60.894, 279.219 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 61, 60.894, 279.219 by changing the saturation by 10% instead.


 61, 60.894,
279.219


 61, 60.894,
279.219


 100, 60.894,
279.219


 51, 60.894,
279.219


 81, 60.894,
279.219

 41, 60.894,
279.219

 91, 60.894,
279.219

 31, 60.894,
279.219

 21, 60.894,
279.219

 11, 60.894,
279.219

 1, 60.894, 279.219

 0, 60.894, 279.219

■ 61, 60.894,
279.219

■ 61, 60.894,
279.219

■ 57, 69.065,
283.391

■ 66, 52.886,
275.407

■ 53, 77.467,
287.737

■ 71, 44.955,
272.042

■ 51, 80.833,
289.377

■ 76, 37.027,
269.141

■ 81, 29.063,
266.673

■ 86, 21.051,
264.590

■ 91, 12.999,
262.836

■ 96, 4.924, 261.391

■ 100, 0.599,
110.004

Harmonies

Complementary

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



61, 60.894, 279.219



75, 68.943, 69.836

Rectangle

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



61, 60.894, 279.219



61, 60.894, 329.219



61, 60.894, 99.219



61, 60.894, 149.219

Sweetspot

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



61, 60.893, 279.220



88, 18.644, 264.017



89, 72.904, 155.648



45, 12.896, 264.693



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 60.893, 279.220



55, 73.448, 285.531



41, 111.991, 303.643



50, 4.617, 261.847



39, 64.180, 288.608



11, 25.913, 282.453

Inverse Universe

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



58, 76.572, 358.134



56, 82.863, 3.576



96, 87.107, 105.299



50, 6.182, 347.159



41, 67.998, 6.824



10, 31.495, 0.488

Previews

White Background



This preview shows how the CIE LCh color 61, 60.894, 279.219 looks on a white background.

Color Contrast Check

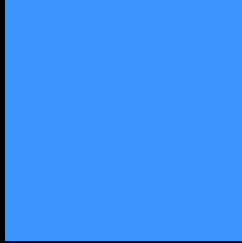
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 60.894, 279.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

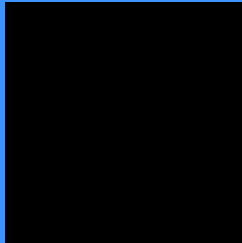
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

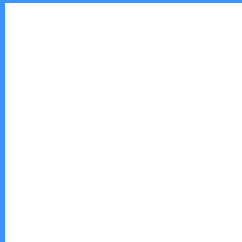
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 60.894, 279.219

Background



This preview shows how black text looks on a background with the CIELCh color 61, 60.894, 279.219.

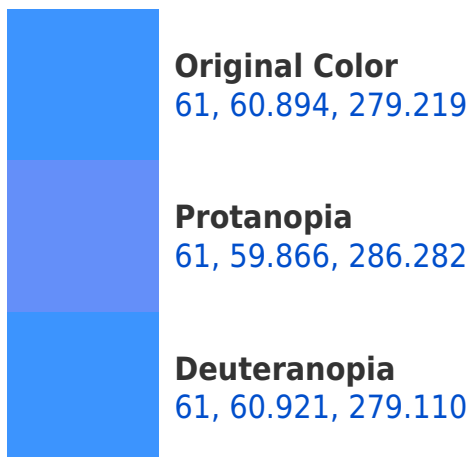


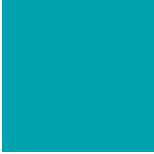
This preview shows how white text looks on a background with the CIELCh color 61, 60.894, 279.219.

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](#).

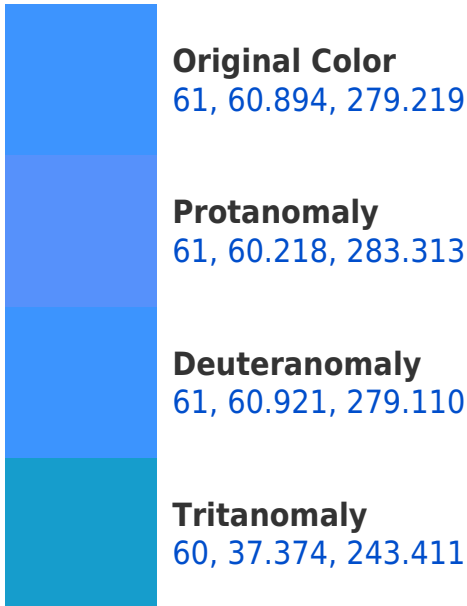
Dichromacy



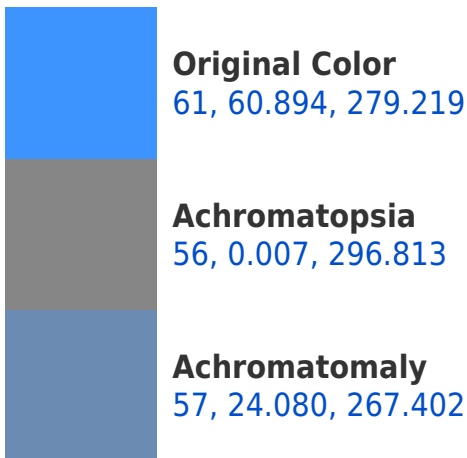


Tritanopia
61, 34.437, 209.105

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 60.894, 279.219 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(61, 148, 254)` looks like.

```
.text, #text, p{  
    color:rgb(61, 148, 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(61, 148, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 148, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 60.894, 279.219 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(61, 148, 254) }
```

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

```
.border{ border-color:rgb(61, 148, 254) }
```

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

Here you see how a box with a 4 pixel rgb(61, 148, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 148, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 148, 254);  
box-shadow:4px 4px 4px 4px rgb(61, 148,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 60.894, 279.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 148, 254) }
```

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

```
.background{ background-color: rgb(61, 148,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor