

Converting Colors

CIELCh(63, 55.418, 269.038)

Have a look what the booklet for
CIELCh(63, 55.418, 269.038)
contains.

CIELCh(63, 55.611, 269.277)	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(63, 55.611, 269.277)

Conversions

Conversions Part 1

Format	Color
Hex	089EFB
RGB	8, 158, 251
RGB Percent	3%, 62%, 98%
CMY	0.9686, 0.3793, 0.0144
CMYK	0.97, 0.37, 0.00, 0.01
HSL	203°, 97%, 51%
HSV	203°, 97%, 99%
XYZ	29.8372, 31.5869, 96.0522
YIQ	123.7520, -119.2530, -2.8770

Conversions

Conversions Part 2

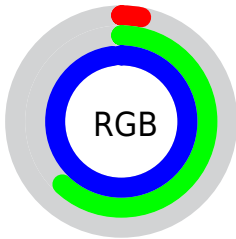
Format	Color
R _{YB}	8, 101, 251
Decimal	564987
CIE Lab	63.00, -0.70, -55.61
CIE LCh	63, 55.611, 269.277
Yxy	31.5869, 0.1895, 0.2006
Android (android.graphics.Color)	4278755067 (0xFF089EFB)
YUV	123.7520, 62.7333, -101.5145
Hunter-Lab	56.2022, -3.5901, -61.9878

Details

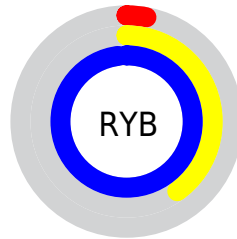
The CIELCh color **63, 55.611, 269.277** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **62, 87.927, 51.956**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 34.629, 239.743**, and **45, 53.113, 278.702** is the 20% darker color. If you saturate the color by 10%, you get **62, 57.075, 270.893**, and if you desaturate by 10%, it is **66, 51.154, 264.193**.

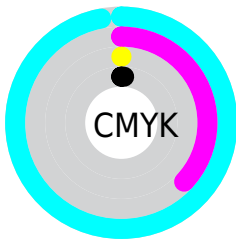
Distribution



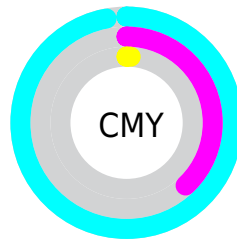
- Red (3%)
- Green (62%)
- Blue (98%)



- Red (3%)
- Yellow (40%)
- Blue (98%)



- Cyan (97%)
- Magenta (37%)
- Yellow (0%)
- Black (1%)





- Cyan (97%)
- Magenta (38%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 55.611, 269.277 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, 55.611, 269.277 by changing the saturation by 10% instead.


 63, 55.611,
269.277


 63, 55.611,
269.277


 100, 55.611,
269.277


 53, 55.611,
269.277


 83, 55.611,
269.277

 43, 55.611,
269.277


 93, 55.611,
269.277

 33, 55.611,
269.277

 23, 55.611,
269.277

 13, 55.611,
269.277

 3, 55.611, 269.277

 0, 55.611, 269.277

■ 63, 55.611,
269.277

■ 63, 55.611,
269.277

■ 62, 57.075,
270.893

■ 66, 51.154,
264.193

■ 69, 46.628,
259.575

■ 73, 41.845,
255.563

■ 76, 36.684,
252.182

■ 80, 31.091,
249.386

■ 84, 25.070,
247.100

■ 88, 18.660,
245.243

■ 92, 11.918,

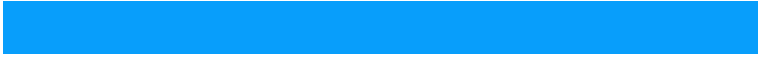
243.743

■ 96, 4.905, 242.571

Harmonies

Complementary

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



63, 55.611, 269.277



62, 87.927, 51.956

Rectangle

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



63, 55.611, 269.277



63, 55.611, 319.277



63, 55.611, 89.277



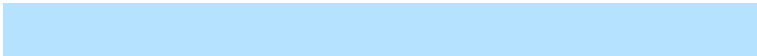
63, 55.611, 139.277

Sweetspot

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



63, 55.610, 269.278



88, 20.332, 245.621



87, 98.828, 143.604



45, 13.824, 246.402



0, 0.000, 0.000



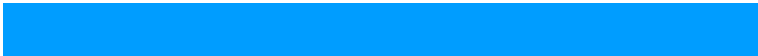
53, 0.007, 296.813

Same Dimension

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



63, 55.610, 269.278



63, 57.743, 270.935



35, 121.945, 304.084



50, 4.059, 242.848



47, 45.407, 269.921



14, 18.740, 262.303

Inverse Universe

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



55, 86.804, 351.085



56, 87.792, 352.036



88, 86.937, 93.549



49, 6.809, 338.493



41, 70.241, 351.443



10, 32.608, 347.522

Previews

White Background



This preview shows how the CIE LCh color 63, 55.611, 269.277 looks on a white background.

Color Contrast Check

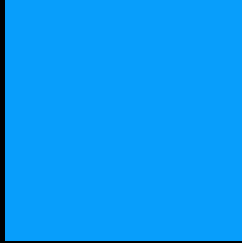
Large Text (above 18pt) WCAG AA × Fail

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, 55.611, 269.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

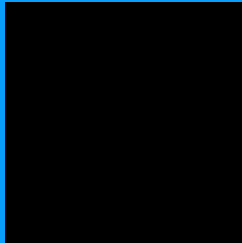
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

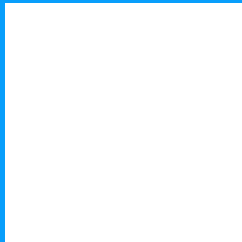
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 55.611, 269.277

Background



This preview shows how black text looks on a background with the CIELCh color 63, 55.611, 269.277.

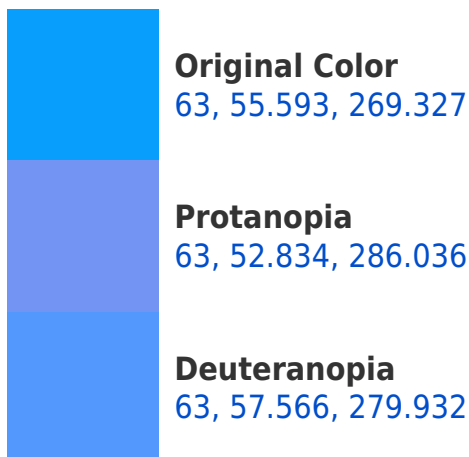


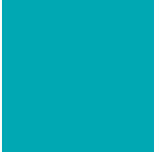
This preview shows how white text looks on a background with the CIELCh color 63, 55.611, 269.277.

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
63, 35.435, 207.702

Trichromacy



Original Color
63, 55.593, 269.327



Protanomaly
62, 53.763, 276.561



Deuteranomaly
62, 56.967, 274.985



Tritanomaly
63, 37.442, 236.833

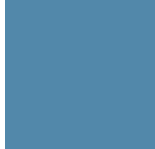
Monochromacy



Original Color
63, 55.593, 269.327



Achromatopsia
52, 0.007, 296.813



Achromatomaly
54, 24.858, 250.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 55.611, 269.277 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(8, 158, 251)` looks like.

```
.text, #text, p{  
    color:rgb(8, 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(8, 158, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 158, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 55.611, 269.277 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(8, 158, 251) }
```

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

```
.border{ border-color:rgb(8, 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(8, 158, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 158, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 158, 251);  
box-shadow:4px 4px 4px 4px rgb(8, 158,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 55.611, 269.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 158, 251) }
```

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

```
.background{ background-color: rgb(8, 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](#).

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