

Converting Colors

CIELCh(60, 57.143, 272.536)

Have a look what the booklet for
CIELCh(60, 57.143, 272.536)
contains.

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Color

CIELCh(60, 56.949, 272.381)

Conversions

Conversions Part 1

Format	Color
Hex	0895F5
RGB	8, 149, 245
RGB Percent	3%, 58%, 96%
CMY	0.9693, 0.4158, 0.0394
CMYK	0.97, 0.39, 0.00, 0.04
HSL	204°, 94%, 50%
HSV	204°, 97%, 96%
XYZ	27.3137, 28.1233, 90.3417
YIQ	117.7850, -114.8520, -0.0360

Conversions

Conversions Part 2

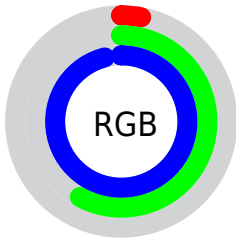
Format	Color
R _Y B	8, 96, 245
Decimal	562677
CIE Lab	60.00, 2.37, -56.90
CIE LCh	60, 56.949, 272.381
Yxy	28.1233, 0.1874, 0.1929
Android (android.graphics.Color)	4278752757 (0xFF0895F5)
YUV	117.7850, 62.7170, -96.2814
Hunter-Lab	53.0314, -0.8689, -63.8815

Details

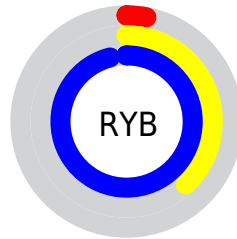
The CIELCh color **60, 56.949, 272.381** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **61, 85.146, 53.494**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 36.229, 249.021**, and **42, 54.492, 281.393** is the 20% darker color. If you saturate the color by 10%, you get **59, 58.554, 273.965**, and if you desaturate by 10%, it is **63, 52.076, 267.359**.

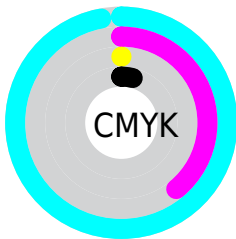
Distribution



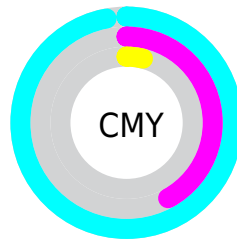
- Red (3%)
- Green (58%)
- Blue (96%)



- Red (3%)
- Yellow (38%)
- Blue (96%)



- Cyan (97%)
- Magenta (39%)
- Yellow (0%)
- Black (4%)





- Cyan (97%)
- Magenta (42%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 56.949, 272.381 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 60, 56.949, 272.381 by changing the saturation by 10% instead.


 60, 56.949,
272.381


 60, 56.949,
272.381


 100, 56.949,
272.381


 50, 56.949,
272.381


 80, 56.949,
272.381

 40, 56.949,
272.381

 90, 56.949,
272.381


 30, 56.949,
272.381

 20, 56.949,
272.381

 10, 56.949,
272.381

 0, 56.949, 272.381

 60, 56.949,

 60, 56.949,

272.381

272.381

■ 59, 58.554,
273.965

■ 63, 52.076,
267.359

■ 66, 47.195,
262.753

■ 70, 42.132,
258.716

■ 73, 36.764,
255.284

■ 77, 31.035,
252.425

■ 81, 24.941,
250.070

■ 85, 18.512,
248.143

■ 89, 11.795,
246.573

Harmonies

Complementary

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



60, 56.949, 272.381



61, 85.146, 53.494

Rectangle

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



60, 56.949, 272.381



60, 56.949, 322.381



60, 56.949, 92.381



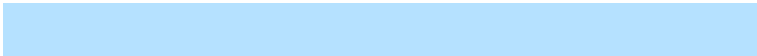
60, 56.949, 142.381

Sweetspot

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



60, 56.948, 272.382



87, 20.605, 248.544



85, 94.137, 144.917



45, 14.026, 249.356



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 56.948, 272.382



61, 60.472, 274.082



33, 122.533, 304.780



49, 4.027, 245.627



45, 46.985, 273.034



13, 18.803, 265.083

Inverse Universe

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



54, 84.256, 352.931



56, 86.915, 354.010



88, 87.054, 96.110



48, 6.589, 339.545



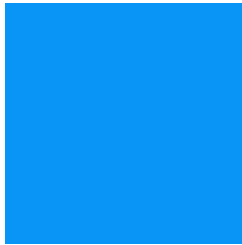
41, 68.836, 353.330



9, 31.421, 348.853

Previews

White Background



This preview shows how the CIE LCh color 60, 56.949, 272.381 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 CIELCh color 60, 56.949, 272.381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

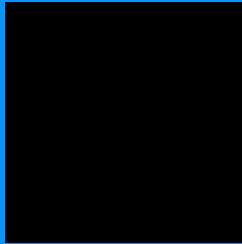
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

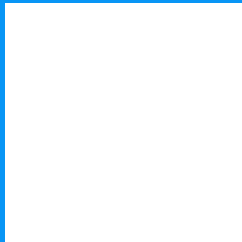
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 56.949, 272.381

Background



This preview shows how black text looks on a background with the CIELCh color 60, 56.949, 272.381.



This preview shows how white text looks on a background with the CIELCh color 60, 56.949, 272.381.

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

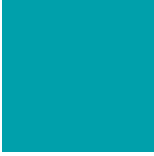
60, 56.949, 272.381

Protanopia

60, 55.013, 286.320

Deuteranopia

60, 58.215, 279.301



Tritanopia
60, 34.209, 207.223

Trichromacy



Original Color
60, 56.949, 272.381

Protanomaly
59, 56.125, 278.964

Deuteranomaly
60, 58.318, 276.369

Tritanomaly
60, 36.517, 238.527

Monochromacy



Original Color
60, 56.949, 272.381

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 24.891, 253.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 56.949, 272.381 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, 149, 245)` looks like.

```
.text, #text, p{  
    color:rgb(8, 149, 245)  
}
```

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, 149, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 149, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 56.949, 272.381 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, 149, 245) }
```

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

```
.border{ border-color:rgb(8, 149, 245) }
```

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

Here you see how a box with a 4 pixel rgb(8, 149, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 149, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 149, 245);  
box-shadow:4px 4px 4px 4px rgb(8, 149,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 56.949, 272.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 149, 245) }
```

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

```
.background{ background-color: rgb(8, 149,  
245) }
```

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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