

Converting Colors

CIELCh(60, 63.290, 276.925)

Have a look what the booklet for
CIELCh(60, 63.290, 276.925)
contains.

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Color

CIELCh(60, 62.843, 276.644)

Conversions

Conversions Part 1

Format	Color
Hex	0593FF
RGB	5, 147, 255
RGB Percent	2%, 58%, 100%
CMY	0.9798, 0.4235, 0.0000
CMYK	0.98, 0.42, 0.00, 0.00
HSL	206°, 100%, 51%
HSV	206°, 98%, 100%
XYZ	28.5501, 28.1233, 98.5401
YIQ	116.8540, -119.3000, 3.4840

Conversions

Conversions Part 2

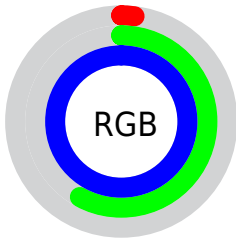
Format	Color
R _Y B	5, 96, 255
Decimal	365567
CIE Lab	60.00, 7.27, -62.42
CIE LCh	60, 62.843, 276.644
Yxy	28.1233, 0.1839, 0.1812
Android (android.graphics.Color)	4278555647 (0xFF0593FF)
YUV	116.8540, 68.1060, -98.0960
Hunter-Lab	53.0314, 3.2924, -73.0474

Details

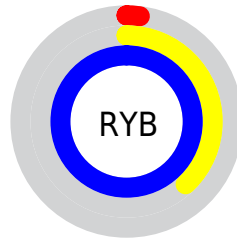
The CIELCh color **60, 62.843, 276.644** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle saturated azure. A complement of this color would be **64, 87.327, 55.066**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 36.674, 252.551**, and **42, 60.651, 285.023** is the 20% darker color. If you saturate the color by 10%, you get **59, 64.027, 277.612**, and if you desaturate by 10%, it is **63, 57.125, 271.685**.

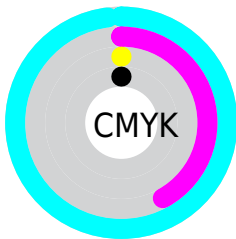
Distribution



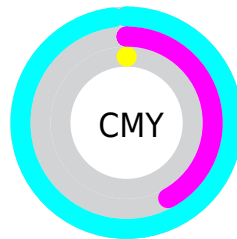
- Red (2%)
- Green (58%)
- Blue (100%)



- Red (2%)
- Yellow (38%)
- Blue (100%)



- Cyan (98%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)




- Cyan (98%)
- Magenta (42%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 62.843, 276.644 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, 62.843, 276.644 by changing the saturation by 10% instead.


 60, 62.843,
276.644

 60, 62.843,
276.644


 100, 62.843,
276.644


 50, 62.843,
276.644


 80, 62.843,
276.644

 40, 62.843,
276.644

 90, 62.843,
276.644


 30, 62.843,
276.644

 20, 62.843,
276.644

 10, 62.843,
276.644

 0, 62.843, 276.644

 60, 62.843,

 60, 62.843,

276.644

276.644

■ 59, 64.027,
277.612

■ 63, 57.125,
271.685

■ 67, 51.504,
267.042

■ 71, 45.797,
262.910

■ 75, 39.872,
259.353

■ 79, 33.655,
256.359

■ 83, 27.126,
253.872

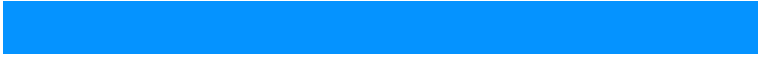
■ 87, 20.303,
251.820

■ 92, 13.225,
250.133

Harmonies

Complementary

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



60, 62.843, 276.644



64, 87.327, 55.066

Rectangle

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



60, 62.843, 276.644



60, 62.843, 326.644



60, 62.843, 96.644



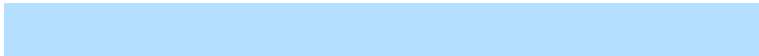
60, 62.843, 146.644

Sweetspot

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



60, 62.837, 276.642



87, 21.008, 252.010



88, 96.399, 145.292



44, 14.321, 252.854



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, 62.837, 276.642



59, 64.027, 277.612



34, 128.711, 305.269



51, 4.223, 248.958



45, 50.781, 276.694



13, 21.025, 269.661

Inverse Universe

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



56, 85.934, 355.794



55, 86.010, 356.498



92, 90.927, 97.239



50, 6.685, 340.881



42, 69.458, 355.820



11, 32.667, 351.293

Previews

White Background



This preview shows how the CIE LCh color 60, 62.843, 276.644 looks on a white background.

Color Contrast Check

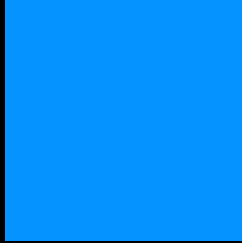
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 62.843, 276.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

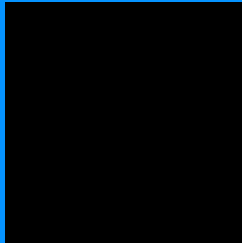
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

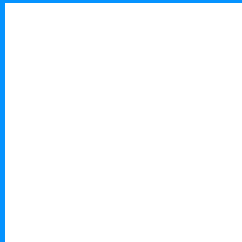
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 62.843, 276.644

Background



This preview shows how black text looks on a background with the CIELCh color 60, 62.843, 276.644.

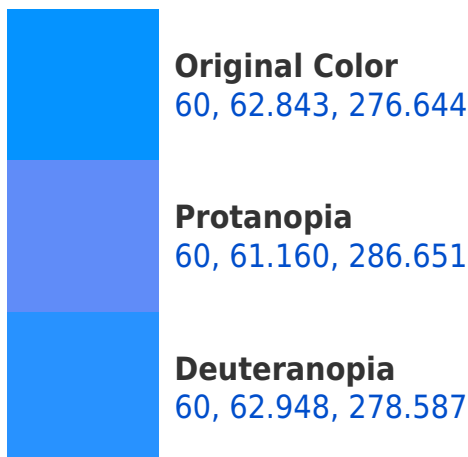


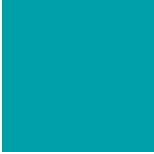
This preview shows how white text looks on a background with the CIELCh color 60, 62.843, 276.644.

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
60, 34.209, 207.223

Trichromacy



Original Color
60, 62.843, 276.644

Protanomaly
60, 61.985, 281.071

Deuteranomaly
60, 63.158, 277.834

Tritanomaly
60, 37.722, 242.984

Monochromacy



Original Color
60, 62.843, 276.644

Achromatopsia
49, 0.007, 296.813

Achromatomaly
52, 26.721, 257.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 62.843, 276.644 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(5, 147, 255)` looks like.

```
.text, #text, p{  
    color:rgb(5, 147, 255)  
}
```

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(5, 147, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 147, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 62.843, 276.644 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(5, 147, 255) }
```

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

```
.border{ border-color:rgb(5, 147, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 147, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 147, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 147, 255);  
box-shadow:4px 4px 4px 4px rgb(5, 147,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 62.843, 276.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 147, 255) }
```

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

```
.background{ background-color: rgb(5, 147,  
255) }
```

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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