

Converting Colors

CIELCh(52, 99.678, 267.531)

Have a look what the booklet for
CIELCh(52, 99.678, 267.531)
contains.

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Color

CIELCh(58, 67.132, 280.292)

Conversions

Conversions Part 1

Format	Color
Hex	058CFF
RGB	5, 140, 255
RGB Percent	2%, 55%, 100%
CMY	0.9809, 0.4523, 0.0000
CMYK	0.98, 0.45, 0.00, 0.00
HSL	208°, 100%, 51%
HSV	208°, 98%, 100%
XYZ	27.5647, 25.9610, 98.8194
YIQ	112.7450, -117.3750, 7.1450

Conversions

Conversions Part 2

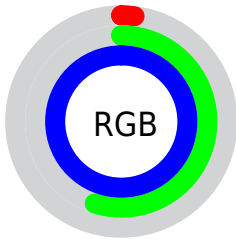
Format	Color
R _Y B	5, 93, 255
Decimal	363775
CIE Lab	58.00, 11.99, -66.05
CIE LCh	58, 67.132, 280.292
Yxy	25.9610, 0.1809, 0.1704
Android (android.graphics.Color)	4278553855 (0xFF058CFF)
YUV	112.7450, 70.1317, -94.4924
Hunter-Lab	50.9519, 7.4017, -79.3244

Details

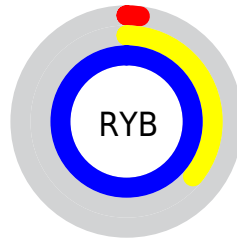
The CIELCh color **58, 67.132, 280.292** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **66, 86.147, 57.200**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **75, 38.669, 259.186**, and **40, 64.402, 287.788** is the 20% darker color. If you saturate the color by 10%, you get **57, 67.998, 280.984**, and if you desaturate by 10%, it is **61, 60.324, 275.274**.

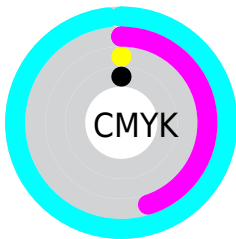
Distribution



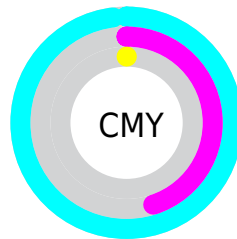
- Red (2%)
- Green (55%)
- Blue (100%)



- Red (2%)
- Yellow (36%)
- Blue (100%)



- Cyan (98%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)




- Cyan (98%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 67.132, 280.292 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 58, 67.132, 280.292 by changing the saturation by 10% instead.

 58, 67.132,
280.292

 58, 67.132,
280.292


 100, 67.132,
280.292


 48, 67.132,
280.292


 78, 67.132,
280.292

 38, 67.132,
280.292

 88, 67.132,
280.292

 28, 67.132,
280.292

 98, 67.132,
280.292

 18, 67.132,
280.292

 8, 67.132, 280.292

 0, 67.132, 280.292

■ 58, 67.132,
280.292

■ 58, 67.132,
280.292

■ 57, 67.998,
280.984

■ 61, 60.324,
275.274

■ 65, 54.064,
270.704

■ 69, 47.798,
266.593

■ 73, 41.400,
263.021

■ 78, 34.791,
259.990

■ 82, 27.942,
257.451

■ 87, 20.860,
255.342

■ 91, 13.575,

253.595

 96, 6.127, 252.171

Harmonies

Complementary

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



58, 67.132, 280.292



66, 86.147, 57.200

Rectangle

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



58, 67.132, 280.292



58, 67.132, 330.292



58, 67.132, 100.292



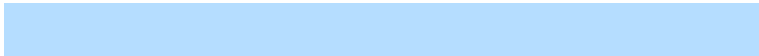
58, 67.132, 150.292

Sweetspot

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



58, 66.736, 280.097



86, 21.511, 255.517



88, 93.510, 146.707



44, 14.686, 256.384



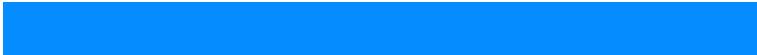
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 66.736, 280.097



57, 67.998, 280.984



33, 130.872, 305.730



51, 4.299, 252.351



43, 53.879, 280.097



13, 22.126, 273.250

Inverse Universe

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



55, 85.151, 358.467



55, 85.268, 359.197



94, 93.081, 99.599



50, 6.553, 342.342



41, 68.824, 358.453



11, 32.290, 353.468

Previews

White Background



This preview shows how the CIE LCh color 58, 67.132, 280.292 looks on a white background.

Color Contrast Check

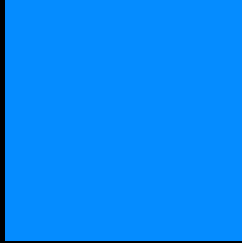
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 67.132, 280.292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

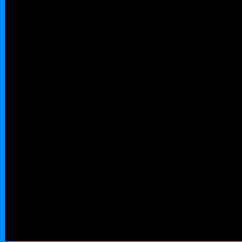
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

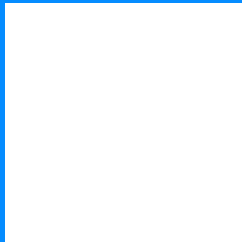
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 67.132, 280.292

Background



This preview shows how black text looks on a background with the CIELCh color 58, 67.132, 280.292.



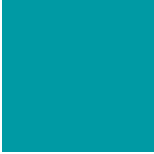
This preview shows how white text looks on a background with the CIELCh color 58, 67.132, 280.292.

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
58, 33.298, 206.572

Trichromacy



Original Color
58, 66.557, 279.953

Protanomaly
57, 66.610, 283.494

Deuteranomaly
58, 64.006, 278.348

Tritanomaly
58, 37.413, 245.230

Monochromacy



Original Color
58, 66.557, 279.953

Achromatopsia
48, 0.006, 296.813

Achromatomaly
50, 27.794, 261.661

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 67.132, 280.292 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, 140, 255)` looks like.

```
.text, #text, p{  
    color:rgb(5, 140, 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, 140, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 140, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 67.132, 280.292 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, 140, 255) }
```

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

```
.border{ border-color:rgb(5, 140, 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, 140, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 140, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 140, 255);  
box-shadow:4px 4px 4px 4px rgb(5, 140,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 67.132, 280.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 140, 255) }
```

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

```
.background{ background-color: rgb(5, 140,  
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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