

Converting Colors

CIELCh(53, 103.342, 269.131)

Have a look what the booklet for
CIELCh(53, 103.342, 269.131)
contains.

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Color

CIELCh(58, 66.044, 279.390)

Conversions

Conversions Part 1

Format	Color
Hex	008CFE
RGB	0, 140, 254
RGB Percent	0%, 55%, 100%
CMY	1.0000, 0.4500, 0.0034
CMYK	1.00, 0.45, 0.00, 0.00
HSL	207°, 100%, 50%
HSV	207°, 100%, 100%
XYZ	27.2613, 25.9610, 97.4588
YIQ	111.1360, -120.0340, 5.7740

Conversions

Conversions Part 2

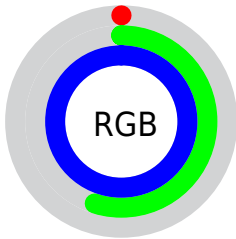
Format	Color
R _{YB}	0, 90, 254
Decimal	36094
CIE _{Lab}	58.00, 10.78, -65.16
CIE _{LCh}	58, 66.044, 279.390
Yxy	25.9610, 0.1809, 0.1723
Android (android.graphics.Color)	4278226174 (0xFF008CFE)
YUV	111.1360, 70.4320, -97.4663
Hunter-Lab	50.9519, 6.3387, -77.7412

Details

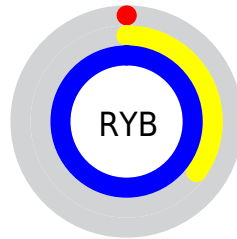
The CIELCh color **58, 66.044, 279.390** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **64, 87.536, 55.726**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **75, 38.772, 258.916**, and **40, 63.842, 287.569** is the 20% darker color. If you saturate the color by 10%, you get **58, 66.012, 279.506**, and if you desaturate by 10%, it is **61, 59.877, 274.640**.

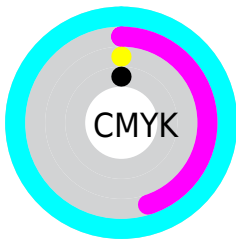
Distribution



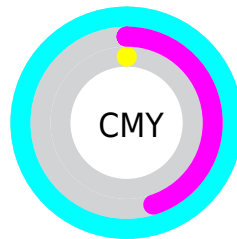
- Red (0%)
- Green (55%)
- Blue (100%)



- Red (0%)
- Yellow (35%)
- Blue (100%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (100%)
- Magenta (45%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 66.044, 279.390 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, 66.044, 279.390 by changing the saturation by 10% instead.


 58, 66.044,
279.390


 58, 66.044,
279.390


 100, 66.044,
279.390


 48, 66.044,
279.390


 78, 66.044,
279.390

 38, 66.044,
279.390

 88, 66.044,
279.390

 28, 66.044,
279.390

 98, 66.044,
279.390

 18, 66.044,
279.390

 8, 66.044, 279.390

 0, 66.044, 279.390

■ 58, 66.044,
279.390

■ 58, 66.044,
279.390

■ 58, 66.012,
279.506

■ 61, 59.877,
274.640

■ 65, 53.910,
269.959

■ 69, 47.934,
265.733

■ 73, 41.808,
262.056

■ 77, 35.447,
258.934

■ 81, 28.816,
256.323

■ 86, 21.921,
254.158

■ 90, 14.793,

252.370

■ 95, 7.474, 250.909

Harmonies

Complementary

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



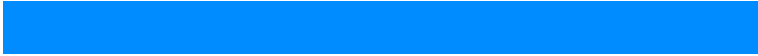
58, 66.044, 279.390



64, 87.536, 55.726

Rectangle

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



58, 66.044, 279.390



58, 66.044, 329.390



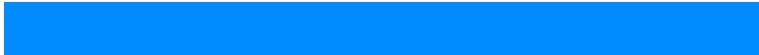
58, 66.044, 99.390



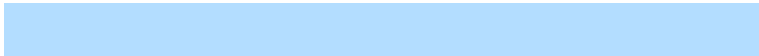
58, 66.044, 149.390

Sweetspot

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



58, 66.012, 279.506



86, 21.981, 254.159



88, 95.807, 145.563



44, 14.911, 255.023



0, 0.000, 0.000



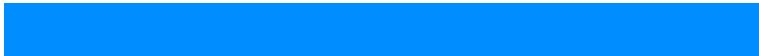
53, 0.007, 296.813

Same Dimension

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



58, 66.012, 279.506



58, 66.192, 279.515



33, 130.683, 305.705



51, 4.263, 250.845



44, 52.469, 278.613



13, 21.623, 271.679

Inverse Universe

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



55, 85.357, 357.971



55, 85.573, 357.978



92, 92.036, 98.333



50, 6.612, 341.680



41, 69.087, 357.264



11, 32.452, 352.484

Previews

White Background



This preview shows how the CIE LCh color 58, 66.044, 279.390 looks on a white background.

Color Contrast Check

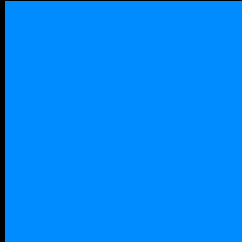
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 66.044, 279.390 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

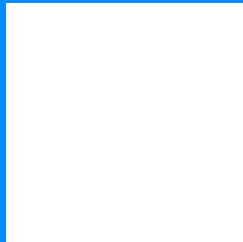
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 66.044, 279.390

Background



This preview shows how black text looks on a background with the CIELCh color 58, 66.044, 279.390.



This preview shows how white text looks on a background with the CIELCh color 58, 66.044, 279.390.

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

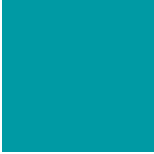
58, 66.077, 279.584

Protanopia

58, 64.900, 286.914

Deuteranopia

58, 63.515, 278.020



Tritanopia
58, 33.298, 206.572

Trichromacy



Original Color
58, 66.077, 279.584

Protanomaly
58, 65.542, 282.754

Deuteranomaly
58, 64.524, 278.581

Tritanomaly
58, 37.460, 245.149

Monochromacy



Original Color
58, 66.077, 279.584

Achromatopsia
47, 0.006, 296.813

Achromatomaly
49, 27.576, 260.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 66.044, 279.390 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(0, 140, 254)` looks like.

```
.text, #text, p{  
    color:rgb(0, 140, 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(0, 140, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 140, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 66.044, 279.390 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(0, 140, 254) }
```

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

```
.border{ border-color:rgb(0, 140, 254) }
```

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

Here you see how a box with a 4 pixel rgb(0, 140, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 140, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 140, 254);  
box-shadow:4px 4px 4px 4px rgb(0, 140,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 66.044, 279.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 140, 254) }
```

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

```
.background{ background-color: rgb(0, 140,  
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](#).

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