

Converting Colors

CIELCh(57, 64.541, 280.355)

Have a look what the booklet for
CIELCh(57, 64.541, 280.355)
contains.

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Color

CIELCh(57, 64.412, 280.261)

Conversions

Conversions Part 1

Format	Color
Hex	1C89F8
RGB	28, 137, 248
RGB Percent	11%, 54%, 97%
CMY	0.8898, 0.4627, 0.0274
CMYK	0.89, 0.45, 0.00, 0.03
HSL	210°, 94%, 54%
HSV	210°, 89%, 97%
XYZ	26.3753, 24.9227, 92.2435
YIQ	117.0630, -100.5950, 11.4130

Conversions

Conversions Part 2

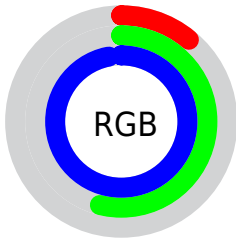
Format	Color
R _Y B	28, 101, 248
Decimal	1870328
CIE Lab	57.00, 11.47, -63.38
CIE LCh	57, 64.412, 280.261
Yxy	24.9227, 0.1837, 0.1736
Android (android.graphics.Color)	4280060408 (0xFF1C89F8)
YUV	117.0630, 64.5519, -78.1083
Hunter-Lab	49.9226, 6.9411, -74.6061

Details

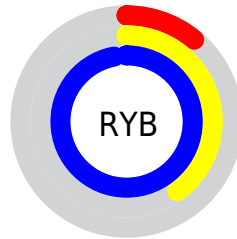
The CIELCh color **57, 64.412, 280.261** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **68, 77.652, 63.377**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 39.378, 262.669**, and **39, 62.941, 287.795** is the 20% darker color. If you saturate the color by 10%, you get **53, 71.720, 284.836**, and if you desaturate by 10%, it is **61, 57.319, 275.842**.

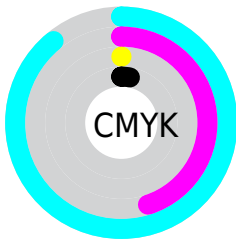
Distribution



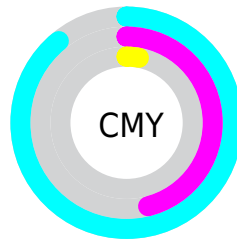
- Red (11%)
- Green (54%)
- Blue (97%)



- Red (11%)
- Yellow (40%)
- Blue (97%)



- Cyan (89%)
- Magenta (45%)
- Yellow (0%)
- Black (3%)





- Cyan (89%)
- Magenta (46%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 64.412, 280.261 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 57, 64.412, 280.261 by changing the saturation by 10% instead.


 57, 64.412,
280.261


 57, 64.412,
280.261


 100, 64.412,
280.261


 47, 64.412,
280.261


 77, 64.412,
280.261


 37, 64.412,
280.261

 87, 64.412,
280.261

 27, 64.412,
280.261

 97, 64.412,
280.261

 17, 64.412,
280.261

 7, 64.412, 280.261

 0, 64.412, 280.261

■ 57, 64.412,
280.261

■ 57, 64.412,
280.261

■ 53, 71.720,
284.836

■ 61, 57.319,
275.842

■ 53, 72.718,
285.415

■ 65, 50.330,
271.805

■ 70, 43.331,
268.250

■ 74, 36.243,
265.196

■ 79, 29.026,
262.612

■ 84, 21.671,
260.443

■ 88, 14.196,
258.629

■ 93, 6.626, 257.129

Harmonies

Complementary

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



57, 64.412, 280.261



68, 77.652, 63.377

Rectangle

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



57, 64.412, 280.261



57, 64.412, 330.261



57, 64.412, 100.261



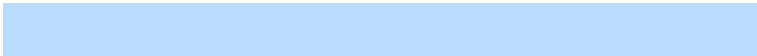
57, 64.412, 150.261

Sweetspot

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



57, 64.412, 280.262



87, 20.895, 260.124



87, 81.995, 151.270



44, 14.049, 260.803



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 64.412, 280.262



54, 74.374, 285.485



34, 124.589, 305.365



50, 4.369, 257.241



41, 58.226, 284.605



11, 23.149, 277.737

Inverse Universe

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



55, 81.221, 358.709



55, 84.580, 3.407



95, 92.232, 103.045



49, 6.258, 344.666



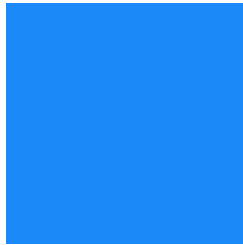
41, 67.525, 2.522



10, 31.021, 356.592

Previews

White Background



This preview shows how the CIE LCh color 57, 64.412, 280.261 looks on a white background.

Color Contrast Check

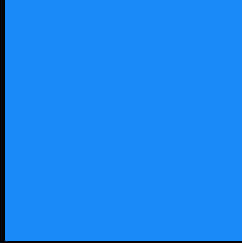
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 64.412, 280.261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

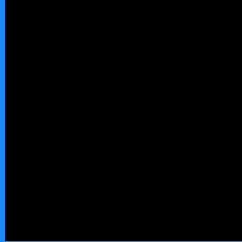
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

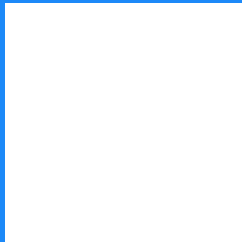
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 64.412, 280.261

Background



This preview shows how black text looks on a background with the CIELCh color 57, 64.412, 280.261.

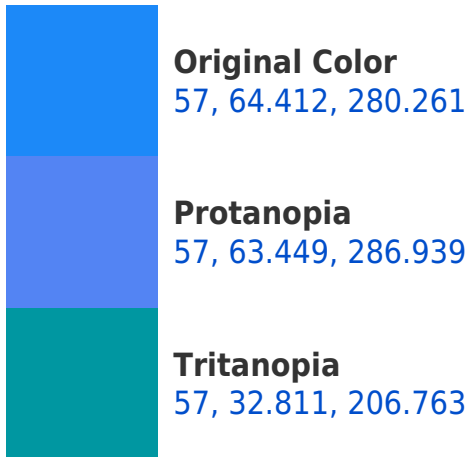


This preview shows how white text looks on a background with the CIELCh color 57, 64.412, 280.261.

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



Trichromacy



Original Color
57, 64.412, 280.261

Protanomaly
57, 63.858, 283.770

Tritanomaly
57, 36.633, 245.473

Monochromacy



Original Color
57, 64.412, 280.261

Achromatopsia
49, 0.007, 296.813

Achromatomaly
51, 26.203, 265.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 64.412, 280.261 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(28, 137, 248)` looks like.

```
.text, #text, p{  
  color:rgb(28, 137, 248)  
}
```

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(28, 137, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 137, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 64.412, 280.261 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(28, 137, 248) }
```

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

```
.border{ border-color:rgb(28, 137, 248) }
```

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

Here you see how a box with a 4 pixel rgb(28, 137, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 137, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 137, 248);  
box-shadow:4px 4px 4px 4px rgb(28, 137,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 64.412, 280.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 137, 248) }
```

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

```
.background{ background-color: rgb(28, 137,  
248) }
```

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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