

Converting Colors

CIELCh(57, 68.828, 282.454)

Have a look what the booklet for
CIELCh(57, 68.828, 282.454)
contains.

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Color

CIELCh(57, 68.621, 282.274)

Conversions

Conversions Part 1

Format	Color
Hex	1888FF
RGB	24, 136, 255
RGB Percent	9%, 53%, 100%
CMY	0.9060, 0.4678, 0.0013
CMYK	0.91, 0.47, 0.00, 0.00
HSL	211°, 100%, 55%
HSV	211°, 91%, 100%
XYZ	27.1380, 24.9227, 97.7158
YIQ	116.0780, -104.9510, 13.2650

Conversions

Conversions Part 2

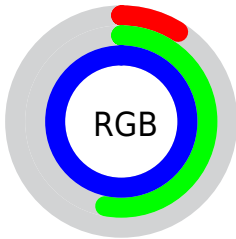
Format	Color
R _Y B	24, 99, 255
Decimal	1607935
CIE Lab	57.00, 14.59, -67.05
CIE LCh	57, 68.621, 282.274
Yxy	24.9227, 0.1812, 0.1664
Android (android.graphics.Color)	4279798015 (0xFF1888FF)
YUV	116.0780, 68.4885, -80.7524
Hunter-Lab	49.9226, 9.6684, -81.1052

Details

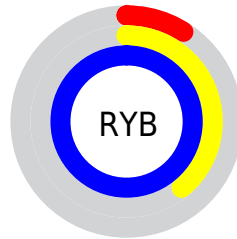
The CIELCh color **57, 68.621, 282.274** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **70, 80.325, 63.807**, and the grayscale version is **49, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 39.642, 263.809**, and **39, 66.960, 289.479** is the 20% darker color. If you saturate the color by 10%, you get **53, 75.937, 286.499**, and if you desaturate by 10%, it is **61, 61.088, 277.841**.

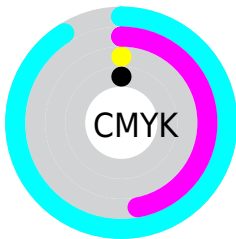
Distribution



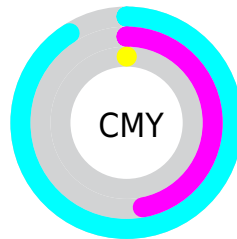
- Red (9%)
- Green (53%)
- Blue (100%)



- Red (9%)
- Yellow (39%)
- Blue (100%)



- Cyan (91%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (91%)
- Magenta (47%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 68.621, 282.274 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, 68.621, 282.274 by changing the saturation by 10% instead.

 57, 68.621,
282.274


 57, 68.621,
282.274

 100, 68.621,
282.274

 47, 68.621,
282.274


 77, 68.621,
282.274

 37, 68.621,
282.274

 87, 68.621,
282.274

 27, 68.621,
282.274

 97, 68.621,
282.274

 17, 68.621,
282.274

 7, 68.621, 282.274

 0, 68.621, 282.274

■ 57, 68.621,
282.274

■ 57, 68.621,
282.274

■ 53, 75.937,
286.499

■ 61, 61.088,
277.841

■ 65, 53.705,
273.741

■ 70, 46.362,
270.098

■ 75, 38.968,
266.950

■ 79, 31.473,
264.274

■ 84, 23.862,
262.021

■ 89, 16.142,
260.133

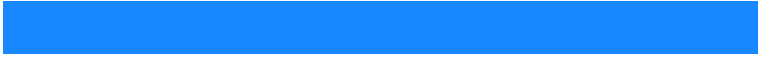
■ 94, 8.337, 258.561

100, 0.475,
258.058

Harmonies

Complementary

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



57, 68.621, 282.274



70, 80.325, 63.807

Rectangle

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



57, 68.621, 282.274



57, 68.621, 332.274



57, 68.621, 102.274



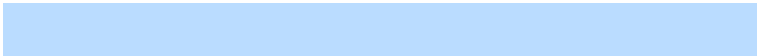
57, 68.621, 152.274

Sweetspot

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



57, 68.621, 282.276



86, 21.123, 261.304



89, 84.843, 150.811



44, 14.207, 261.985



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, 68.621, 282.276



54, 76.014, 286.502



34, 128.775, 305.599



50, 4.482, 258.409



40, 60.152, 285.680



12, 24.411, 279.250

Inverse Universe

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



56, 83.124, 0.430



55, 84.493, 4.470



97, 94.808, 102.995



50, 6.317, 345.267



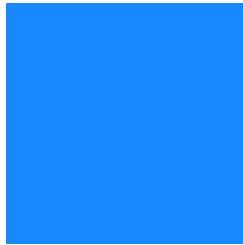
41, 68.109, 3.607



10, 31.730, 357.766

Previews

White Background



This preview shows how the CIELCh color 57, 68.621, 282.274 looks on a white background.

Color Contrast Check

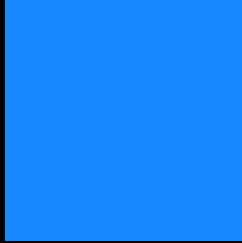
Large Text (above 18pt) WCAG AA ✓ Pass

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, 68.621, 282.274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

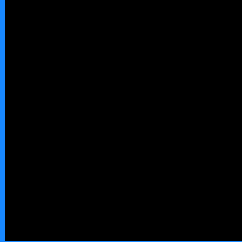
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

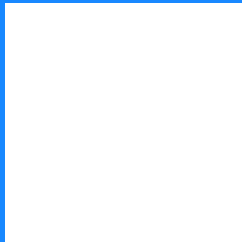
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 68.621, 282.274

Background



This preview shows how black text looks on a background with the CIELCh color 57, 68.621, 282.274.



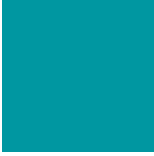
This preview shows how white text looks on a background with the CIELCh color 57, 68.621, 282.274.

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
57, 32.811, 206.763

Trichromacy



Original Color
57, 68.632, 282.234

Protanomaly
57, 68.287, 284.917

Deuteranomaly
57, 64.080, 279.313

Tritanomaly
56, 37.502, 248.143

Monochromacy



Original Color
57, 68.632, 282.234

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 27.318, 266.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 68.621, 282.274 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(24, 136, 255)` looks like.

```
.text, #text, p{  
    color:rgb(24, 136, 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(24, 136, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 136, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 68.621, 282.274 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(24, 136, 255) }
```

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

```
.border{ border-color:rgb(24, 136, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 136, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 136, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 136, 255);  
box-shadow:4px 4px 4px 4px rgb(24, 136,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 68.621, 282.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 136, 255) }
```

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

```
.background{ background-color: rgb(24, 136,  
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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