

Converting Colors

CIELCh(57, 68.585, 283.036)

Have a look what the booklet for
CIELCh(57, 68.585, 283.036)
contains.

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Color

CIELCh(57, 68.532, 283.015)

Conversions

Conversions Part 1

Format	Color
Hex	2487FE
RGB	36, 135, 254
RGB Percent	14%, 53%, 100%
CMY	0.8570, 0.4700, 0.0032
CMYK	0.86, 0.47, 0.00, 0.00
HSL	213°, 99%, 57%
HSV	213°, 86%, 100%
XYZ	27.3477, 24.9227, 97.2895
YIQ	118.9650, -97.2030, 16.0210

Conversions

Conversions Part 2

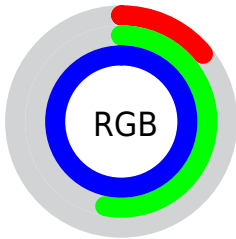
Format	Color
R _Y B	36, 104, 254
Decimal	2394110
CIE _{Lab}	57.00, 15.43, -66.77
CIE _{LCh}	57, 68.532, 283.015
Y _{xy}	24.9227, 0.1829, 0.1666
Android (android.graphics.Color)	4280584190 (0xFF2487FE)
Y _{UV}	118.9650, 66.5723, -72.7603
Hunter-Lab	49.9226, 10.4182, -80.5989

Details

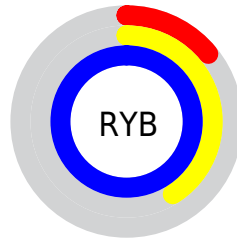
The CIELCh color **57, 68.532, 283.015** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **73, 76.575, 67.731**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 39.647, 265.819**, and **39, 67.042, 289.692** is the 20% darker color. If you saturate the color by 10%, you get **53, 76.885, 287.372**, and if you desaturate by 10%, it is **61, 60.406, 278.848**.

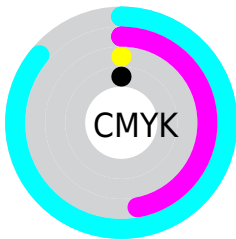
Distribution



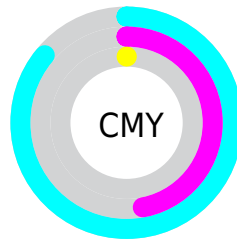
- Red (14%)
- Green (53%)
- Blue (100%)



- Red (14%)
- Yellow (41%)
- Blue (100%)



- Cyan (86%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)





- Cyan (86%)
- Magenta (47%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 68.532, 283.015 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, 68.532, 283.015 by changing the saturation by 10% instead.


 57, 68.532,
283.015


 57, 68.532,
283.015


 100, 68.532,
283.015


 47, 68.532,
283.015


 77, 68.532,
283.015

 37, 68.532,
283.015

 87, 68.532,
283.015

 27, 68.532,
283.015

 97, 68.532,
283.015

 17, 68.532,
283.015

 7, 68.532, 283.015

 0, 68.532, 283.015

■ 57, 68.532,
283.015

■ 57, 68.532,
283.015

■ 53, 76.885,
287.372

■ 61, 60.406,
278.848

■ 51, 80.598,
289.204

■ 66, 52.438,
275.047

■ 71, 44.537,
271.697

■ 76, 36.632,
268.812

■ 81, 28.685,
266.361

■ 86, 20.686,
264.292

■ 91, 12.644,
262.552

■ 97, 4.576, 261.123

100, 0.402,
109.955

Harmonies

Complementary

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



57, 68.532, 283.015



73, 76.575, 67.731

Rectangle

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



57, 68.532, 283.015



57, 68.532, 333.015



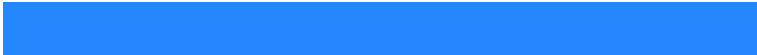
57, 68.532, 103.015



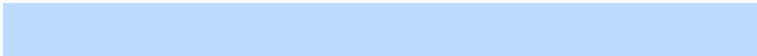
57, 68.532, 153.015

Sweetspot

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



57, 68.532, 283.016



86, 21.017, 264.358



89, 79.074, 153.660



44, 14.237, 265.039



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, 68.532, 283.016



51, 80.808, 289.212



36, 123.908, 305.182



50, 4.607, 261.631



39, 63.916, 288.428



11, 25.814, 282.256

Inverse Universe

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



56, 81.130, 1.216



55, 84.435, 7.539



96, 92.827, 105.004



50, 6.190, 347.034



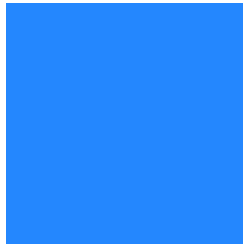
41, 67.998, 6.614



10, 31.508, 0.310

Previews

White Background



This preview shows how the CIE LCh color 57, 68.532, 283.015 looks on a white background.

Color Contrast Check

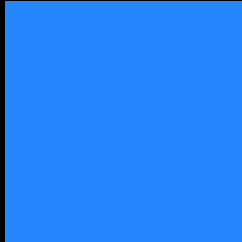
Large Text (above 18pt) WCAG AA ✓ Pass

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, 68.532, 283.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

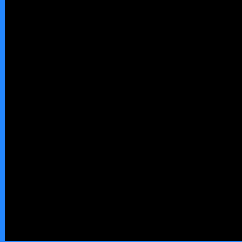
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

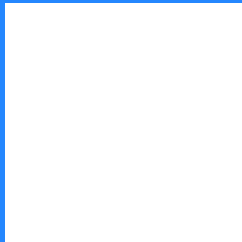
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 68.532, 283.015

Background



This preview shows how black text looks on a background with the CIELCh color 57, 68.532, 283.015.



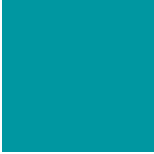
This preview shows how white text looks on a background with the CIELCh color 57, 68.532, 283.015.

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, 68.532, 283.015

Protanomaly
57, 68.187, 285.401

Deuteranomaly
57, 64.053, 279.413

Tritanomaly
56, 37.406, 248.324

Monochromacy



Original Color
57, 68.532, 283.015

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 26.864, 268.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 68.532, 283.015 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(36, 135, 254)` looks like.

```
.text, #text, p{  
    color:rgb(36, 135, 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(36, 135, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 135, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 68.532, 283.015 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(36, 135, 254) }
```

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

```
.border{ border-color:rgb(36, 135, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 135, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 135, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 135, 254);  
box-shadow:4px 4px 4px 4px rgb(36, 135,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 68.532, 283.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 135, 254) }
```

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

```
.background{ background-color: rgb(36, 135,  
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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