

Converting Colors

CIELCh(58, 67.374, 281.852)

Have a look what the booklet for
CIELCh(58, 67.374, 281.852)
contains.

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Color

CIELCh(58, 66.808, 281.537)

Conversions

Conversions Part 1

Format	Color
Hex	238BFF
RGB	35, 139, 255
RGB Percent	14%, 55%, 100%
CMY	0.8613, 0.4558, 0.0011
CMYK	0.86, 0.46, 0.00, 0.00
HSL	212°, 100%, 57%
HSV	212°, 86%, 100%
XYZ	27.9078, 25.9610, 97.9133
YIQ	121.1280, -99.2200, 14.0280

Conversions

Conversions Part 2

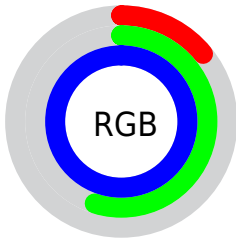
Format	Color
R _Y B	35, 106, 255
Decimal	2329599
CIE Lab	58.00, 13.36, -65.46
CIE LCh	58, 66.808, 281.537
Yxy	25.9610, 0.1839, 0.1710
Android (android.graphics.Color)	4280519679 (0xFF238BFF)
YUV	121.1280, 65.9989, -75.5343
Hunter-Lab	50.9519, 8.6037, -78.2701

Details

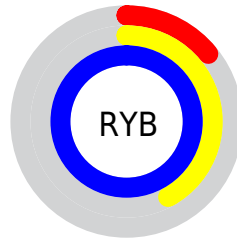
The CIELCh color **58, 66.808, 281.537** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **72, 77.187, 66.025**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 38.284, 262.073**, and **40, 65.037, 288.222** is the 20% darker color. If you saturate the color by 10%, you get **54, 74.771, 285.997**, and if you desaturate by 10%, it is **62, 59.062, 277.283**.

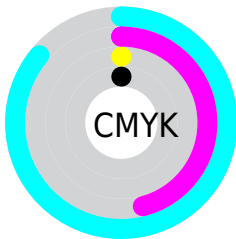
Distribution



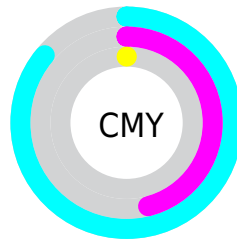
- Red (14%)
- Green (55%)
- Blue (100%)



- Red (14%)
- Yellow (42%)
- Blue (100%)



- Cyan (86%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)





- Cyan (86%)
- Magenta (46%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 66.808, 281.537 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, 66.808, 281.537 by changing the saturation by 10% instead.


 58, 66.808,
281.537


 58, 66.808,
281.537


 100, 66.808,
281.537


 48, 66.808,
281.537


 78, 66.808,
281.537

 38, 66.808,
281.537

 88, 66.808,
281.537

 28, 66.808,
281.537

 98, 66.808,
281.537

 18, 66.808,
281.537

 8, 66.808, 281.537

 0, 66.808, 281.537

■ 58, 66.808,
281.537

■ 58, 66.808,
281.537

■ 54, 74.771,
285.997

■ 62, 59.062,
277.283

■ 53, 77.944,
287.673

■ 67, 51.444,
273.412

■ 72, 43.854,
270.009

■ 76, 36.218,
267.086

■ 81, 28.500,
264.608

■ 86, 20.694,
262.522

■ 92, 12.812,
260.773

■ 97, 4.877, 259.337

100, 0.129,
109.570

Harmonies

Complementary

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



58, 66.808, 281.537



72, 77.187, 66.025

Rectangle

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



58, 66.808, 281.537



58, 66.808, 331.537



58, 66.808, 101.537



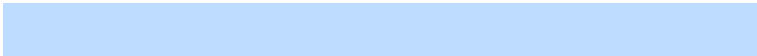
58, 66.808, 151.537

Sweetspot

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



58, 66.808, 281.538



87, 20.623, 262.501



89, 80.840, 152.667



44, 13.961, 263.181



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, 66.808, 281.538



53, 78.013, 287.676



36, 124.724, 305.138



50, 4.533, 259.784



40, 61.720, 286.870



11, 24.993, 280.547

Inverse Universe

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



56, 81.715, 359.856



55, 84.434, 5.756



97, 93.140, 104.057



50, 6.263, 346.001



41, 68.035, 4.866



10, 31.628, 358.828

Previews

White Background



This preview shows how the CIELCh color 58, 66.808, 281.537 looks on a white background.

Color Contrast Check

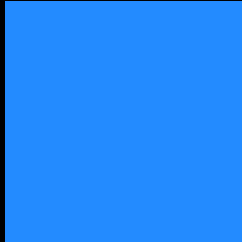
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66.808, 281.537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

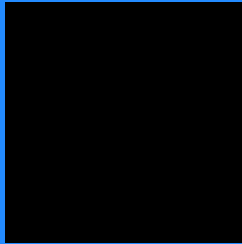
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

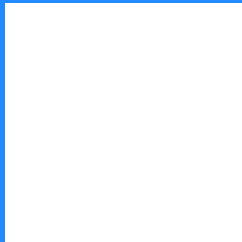
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 66.808, 281.537

Background



This preview shows how black text looks on a background with the CIELCh color 58, 66.808, 281.537.

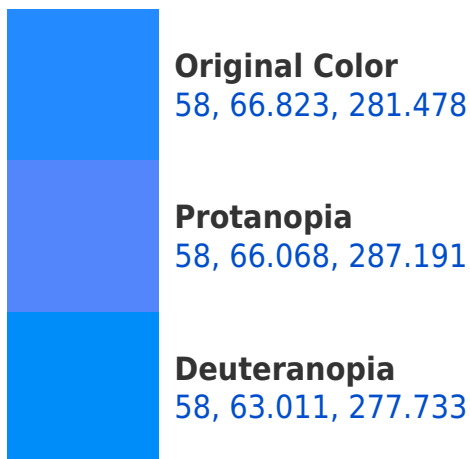


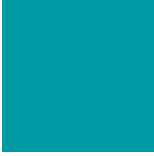
This preview shows how white text looks on a background with the CIELCh color 58, 66.808, 281.537.

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, 66.823, 281.478

Protanomaly
58, 66.374, 284.603

Deuteranomaly
58, 64.470, 279.081

Tritanomaly
57, 37.364, 246.751

Monochromacy



Original Color
58, 66.823, 281.478

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 26.910, 267.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 66.808, 281.537 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(35, 139, 255)` looks like.

```
.text, #text, p{  
    color:rgb(35, 139, 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(35, 139, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 139, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 66.808, 281.537 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(35, 139, 255) }
```

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

```
.border{ border-color:rgb(35, 139, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 139, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 139, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 139, 255);  
box-shadow:4px 4px 4px 4px rgb(35, 139,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 66.808, 281.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 139, 255) }
```

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

```
.background{ background-color: rgb(35, 139,  
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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