

Converting Colors

CIELCh(58, 66.046, 280.985)

Have a look what the booklet for
CIELCh(58, 66.046, 280.985)
contains.

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Color

CIELCh(58, 66.335, 281.125)

Conversions

Conversions Part 1

Format	Color
Hex	218BFE
RGB	33, 139, 254
RGB Percent	13%, 55%, 100%
CMY	0.8700, 0.4547, 0.0037
CMYK	0.87, 0.45, 0.00, 0.00
HSL	211°, 99%, 56%
HSV	211°, 87%, 100%
XYZ	27.7664, 25.9610, 97.3518
YIQ	120.4160, -100.0910, 13.2930

Conversions

Conversions Part 2

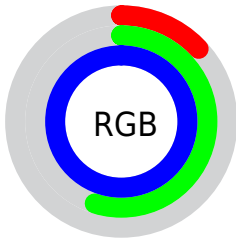
Format	Color
RYB	33, 105, 254
Decimal	2198526
CIELab	58.00, 12.80, -65.09
CIELCh	58, 66.335, 281.125
Yxy	25.9610, 0.1838, 0.1718
Android (android.graphics.Color)	4280388606 (0xFF218BFE)
YUV	120.4160, 65.8569, -76.6638
Hunter-Lab	50.9519, 8.1082, -77.6167

Details

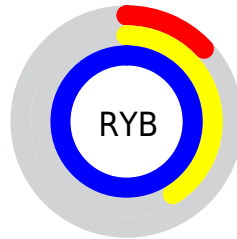
The CIELCh color **58, 66.335, 281.125** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **71, 77.708, 65.133**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 38.385, 261.777**, and **40, 64.477, 288.008** is the 20% darker color. If you saturate the color by 10%, you get **54, 74.115, 285.631**, and if you desaturate by 10%, it is **62, 58.771, 276.814**.

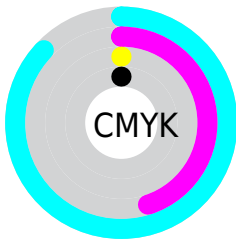
Distribution



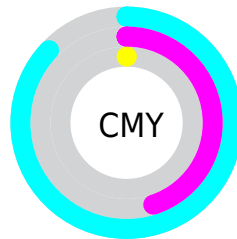
- Red (13%)
- Green (55%)
- Blue (100%)



- Red (13%)
- Yellow (41%)
- Blue (100%)



- Cyan (87%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (87%)
- Magenta (45%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 66.335, 281.125 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, 66.335, 281.125 by changing the saturation by 10% instead.


 58, 66.335,
281.125


 58, 66.335,
281.125


 100, 66.335,
281.125


 48, 66.335,
281.125


 78, 66.335,
281.125

 38, 66.335,
281.125

 88, 66.335,
281.125

 28, 66.335,
281.125

 98, 66.335,
281.125

 18, 66.335,
281.125

 8, 66.335, 281.125

 0, 66.335, 281.125

■ 58, 66.335,
281.125

■ 58, 66.335,
281.125

■ 54, 74.115,
285.631

■ 62, 58.771,
276.814

■ 53, 76.551,
286.953

■ 67, 51.327,
272.886

■ 71, 43.898,
269.431

■ 76, 36.409,
266.463

■ 81, 28.821,
263.949

■ 86, 21.128,
261.834

■ 91, 13.343,
260.063

■ 96, 5.491, 258.604

100, 0.472,
109.979

Harmonies

Complementary

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



58, 66.335, 281.125



71, 77.708, 65.133

Rectangle

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



58, 66.335, 281.125



58, 66.335, 331.125



58, 66.335, 101.125



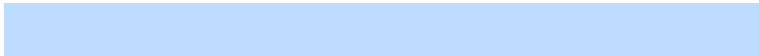
58, 66.335, 151.125

Sweetspot

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



58, 66.335, 281.126



87, 20.454, 261.653



89, 81.166, 152.487



44, 13.843, 262.333



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, 66.335, 281.126



53, 76.784, 286.962



35, 125.280, 305.246



50, 4.502, 258.944



40, 60.756, 286.146



11, 24.634, 279.758

Inverse Universe

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



56, 81.954, 359.477



55, 84.464, 4.966



97, 93.307, 104.038



50, 6.296, 345.550



41, 68.076, 4.093



10, 31.689, 358.175

Previews

White Background



This preview shows how the CIE LCh color 58, 66.335, 281.125 looks on a white background.

Color Contrast Check

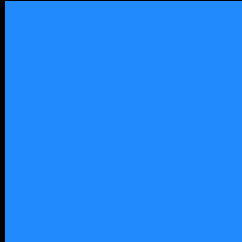
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 66.335, 281.125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

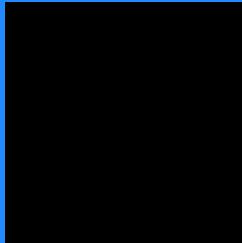
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

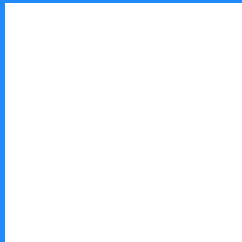
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 66.335, 281.125

Background



This preview shows how black text looks on a background with the CIELCh color 58, 66.335, 281.125.



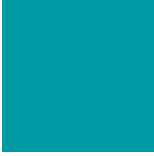
This preview shows how white text looks on a background with the CIELCh color 58, 66.335, 281.125.

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, 66.335, 281.125

Protanomaly
58, 65.868, 284.289

Deuteranomaly
58, 64.477, 279.055

Tritanomaly
58, 37.179, 245.638

Monochromacy



Original Color
58, 66.335, 281.125

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 26.620, 266.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 66.335, 281.125 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(33, 139, 254)` looks like.

```
.text, #text, p{  
    color:rgb(33, 139, 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(33, 139, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 139, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 66.335, 281.125 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(33, 139, 254) }
```

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

```
.border{ border-color:rgb(33, 139, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 139, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 139, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 139, 254);  
box-shadow:4px 4px 4px 4px rgb(33, 139,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 66.335, 281.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 139, 254) }
```

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

```
.background{ background-color: rgb(33, 139,  
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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