

Converting Colors

CIELCh(58, 65.826, 280.015)

Have a look what the booklet for
CIELCh(58, 65.826, 280.015)
contains.

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Color

CIELCh(58, 65.949, 280.054)

Conversions

Conversions Part 1

Format	Color
Hex	128CFE
RGB	18, 140, 254
RGB Percent	7%, 55%, 100%
CMY	0.9294, 0.4518, 0.0049
CMYK	0.93, 0.45, 0.00, 0.00
HSL	209°, 99%, 53%
HSV	209°, 93%, 100%
XYZ	27.4447, 25.9610, 97.1213
YIQ	116.5180, -109.3060, 9.5900

Conversions

Conversions Part 2

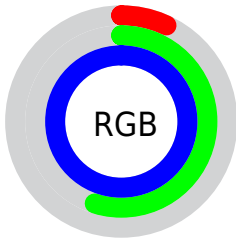
Format	Color
R_{YB}	18, 98, 254
Decimal	1215742
CIE _{Lab}	58.00, 11.51, -64.94
CIE _{LCh}	58, 65.949, 280.054
Yxy	25.9610, 0.1823, 0.1725
Android (android.graphics.Color)	4279405822 (0xFF128CFE)
YUV	116.5180, 67.7786, -86.4003
Hunter-Lab	50.9519, 6.9812, -77.3484

Details

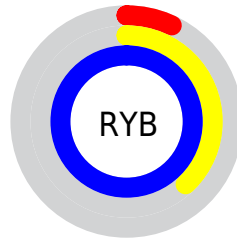
The CIELCh color **58, 65.949, 280.054** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **68, 82.267, 60.484**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 38.461, 259.736**, and **40, 63.842, 287.569** is the 20% darker color. If you saturate the color by 10%, you get **55, 70.934, 283.363**, and if you desaturate by 10%, it is **62, 59.139, 275.422**.

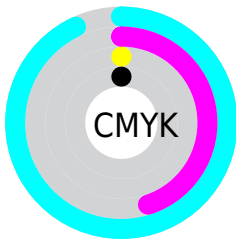
Distribution



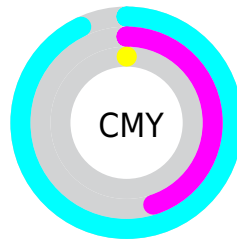
- Red (7%)
- Green (55%)
- Blue (100%)



- Red (7%)
- Yellow (38%)
- Blue (100%)



- Cyan (93%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (93%)
- Magenta (45%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 65.949, 280.054 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, 65.949, 280.054 by changing the saturation by 10% instead.


 58, 65.949,
280.054


 58, 65.949,
280.054


 100, 65.949,
280.054


 48, 65.949,
280.054


 78, 65.949,
280.054

 38, 65.949,
280.054

 88, 65.949,
280.054

 28, 65.949,
280.054

 98, 65.949,
280.054

 18, 65.949,
280.054

 8, 65.949, 280.054

 0, 65.949, 280.054

■ 58, 65.949,
280.054

■ 58, 65.949,
280.054

■ 55, 70.934,
283.363

■ 62, 59.139,
275.422

■ 66, 52.445,
271.132

■ 70, 45.736,
267.323

■ 74, 38.909,
264.038

■ 79, 31.908,
261.257

■ 84, 24.720,
258.927

■ 88, 17.358,
256.984

■ 93, 9.851, 255.373

Harmonies

Complementary

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



58, 65.949, 280.054



68, 82.267, 60.484

Rectangle

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



58, 65.949, 280.054



58, 65.949, 330.054



58, 65.949, 100.054



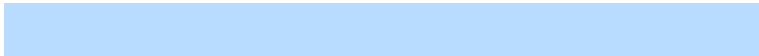
58, 65.949, 150.054

Sweetspot

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



58, 65.949, 280.056



86, 21.215, 257.931



88, 87.343, 149.461



44, 14.589, 258.804



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, 65.949, 280.056



56, 71.217, 283.376



34, 129.056, 305.622



51, 4.368, 254.898



42, 56.394, 282.515



12, 23.034, 275.832

Inverse Universe

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



55, 83.918, 358.477



55, 84.848, 1.338



96, 94.042, 101.941



50, 6.454, 343.516



41, 68.452, 0.544



10, 32.035, 355.204

Previews

White Background



This preview shows how the CIELCh color 58, 65.949, 280.054 looks on a white background.

Color Contrast Check

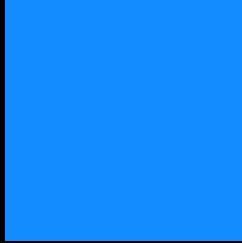
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65.949, 280.054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

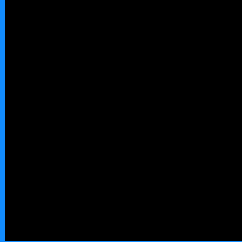
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

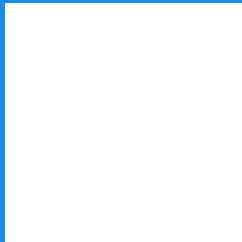
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 65.949, 280.054

Background



This preview shows how black text looks on a background with the CIELCh color 58, 65.949, 280.054.



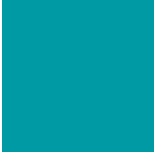
This preview shows how white text looks on a background with the CIELCh color 58, 65.949, 280.054.

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, 65.958, 280.021

Protanomaly
58, 64.865, 283.218

Deuteranomaly
58, 63.973, 278.463

Tritanomaly
58, 37.297, 245.431

Monochromacy



Original Color
58, 65.958, 280.021

Achromatopsia
49, 0.007, 296.813

Achromatomaly
51, 26.844, 262.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 65.949, 280.054 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(18, 140, 254)` looks like.

```
.text, #text, p{  
    color:rgb(18, 140, 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(18, 140, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 140, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 65.949, 280.054 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(18, 140, 254) }
```

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

```
.border{ border-color:rgb(18, 140, 254) }
```

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

Here you see how a box with a 4 pixel rgb(18, 140, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 140, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 140, 254);  
box-shadow:4px 4px 4px 4px rgb(18, 140,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 65.949, 280.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 140, 254) }
```

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

```
.background{ background-color: rgb(18, 140,  
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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