

Converting Colors

CIELCh(55, 64.244, 280.694)

Have a look what the booklet for
CIELCh(55, 64.244, 280.694)
contains.

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Color

CIELCh(55, 64.182, 280.591)

Conversions

Conversions Part 1

Format	Color
Hex	1184F2
RGB	17, 132, 242
RGB Percent	7%, 52%, 95%
CMY	0.9347, 0.4835, 0.0523
CMYK	0.93, 0.45, 0.00, 0.05
HSL	209°, 89%, 51%
HSV	209°, 93%, 95%
XYZ	24.4128, 22.9298, 86.8798
YIQ	110.1550, -103.8500, 9.8300

Conversions

Conversions Part 2

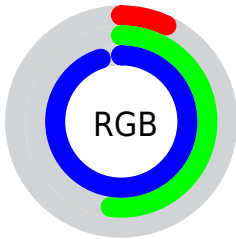
Format	Color
R _Y B	17, 93, 242
Decimal	1148146
CIE Lab	55.00, 11.80, -63.09
CIE LCh	55, 64.182, 280.591
Yxy	22.9298, 0.1819, 0.1708
Android (android.graphics.Color)	4279338226 (0xFF1184F2)
YUV	110.1550, 64.9996, -81.6969
Hunter-Lab	47.8851, 7.2038, -74.0525

Details

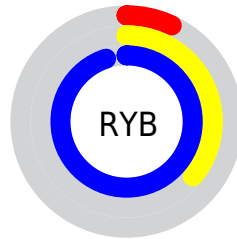
The CIELCh color **55, 64.182, 280.591** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **65, 79.113, 60.928**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 41.978, 266.520**, and **38, 62.116, 288.260** is the 20% darker color. If you saturate the color by 10%, you get **53, 68.919, 283.768**, and if you desaturate by 10%, it is **59, 57.519, 275.995**.

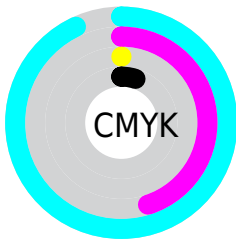
Distribution



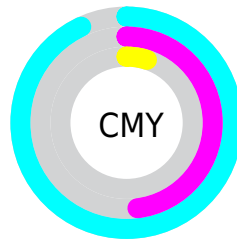
- Red (7%)
- Green (52%)
- Blue (95%)



- Red (7%)
- Yellow (36%)
- Blue (95%)



- Cyan (93%)
- Magenta (45%)
- Yellow (0%)
- Black (5%)





- Cyan (93%)
- Magenta (48%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 64.182, 280.591 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 55, 64.182, 280.591 by changing the saturation by 10% instead.


 55, 64.182,
280.591


 55, 64.182,
280.591


 100, 64.182,
280.591


 45, 64.182,
280.591


 75, 64.182,
280.591

 35, 64.182,
280.591

 85, 64.182,
280.591

 25, 64.182,
280.591

 95, 64.182,
280.591

 15, 64.182,
280.591

 5, 64.182, 280.591

 0, 64.182, 280.591

■ 55, 64.182,
280.591

■ 55, 64.182,
280.591

■ 53, 68.919,
283.768

■ 59, 57.519,
275.995

■ 63, 50.977,
271.731

■ 67, 44.434,
267.938

■ 71, 37.791,
264.662

■ 75, 30.995,
261.883

■ 80, 24.031,
259.550

■ 85, 16.909,
257.603

■ 89, 9.657, 255.985

Harmonies

Complementary

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



55, 64.182, 280.591



65, 79.113, 60.928

Rectangle

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



55, 64.182, 280.591



55, 64.182, 330.591



55, 64.182, 100.591



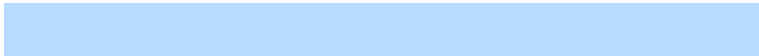
55, 64.182, 150.591

Sweetspot

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



55, 64.182, 280.593



86, 21.320, 258.527



84, 84.153, 149.470



44, 14.665, 259.403



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55, 64.182, 280.593



55, 71.986, 283.910



32, 124.348, 305.618



48, 4.169, 255.474



40, 55.136, 282.913



10, 20.957, 275.101

Inverse Universe

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



53, 80.758, 358.927



55, 84.770, 1.845



92, 90.621, 101.943



47, 6.113, 343.791



39, 66.352, 0.908



8, 29.553, 354.697

Previews

White Background



This preview shows how the CIE LCh color 55, 64.182, 280.591 looks on a white background.

Color Contrast Check

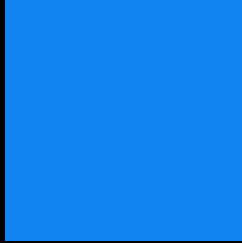
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 64.182, 280.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

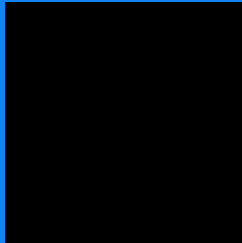
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

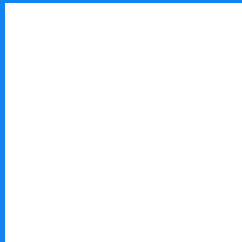
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 64.182, 280.591

Background



This preview shows how black text looks on a background with the CIELCh color 55, 64.182, 280.591.



This preview shows how white text looks on a background with the CIELCh color 55, 64.182, 280.591.

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
55, 31.832, 207.165

Trichromacy



Original Color
55, 64.191, 280.556

Protanomaly
55, 63.712, 283.779

Deuteranomaly
55, 61.154, 278.364

Tritanomaly
54, 36.154, 246.842

Monochromacy



Original Color
55, 64.191, 280.556

Achromatopsia
46, 0.006, 296.813

Achromatomaly
48, 26.184, 263.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 64.182, 280.591 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(17, 132, 242)` looks like.

```
.text, #text, p{  
    color:rgb(17, 132, 242)  
}
```

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(17, 132, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 132, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 64.182, 280.591 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(17, 132, 242) }
```

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

```
.border{ border-color:rgb(17, 132, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 132, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 132, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 132, 242);  
box-shadow:4px 4px 4px 4px rgb(17, 132,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 64.182, 280.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 132, 242) }
```

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

```
.background{ background-color: rgb(17, 132,  
242) }
```

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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