

Converting Colors

CIELCh(54, 56.327, 281.941)

Have a look what the booklet for
CIELCh(54, 56.327, 281.941)
contains.

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Color

CIELCh(54, 56.603, 282.036)

Conversions

Conversions Part 1

Format	Color
Hex	4080E1
RGB	64, 128, 225
RGB Percent	25%, 50%, 88%
CMY	0.7488, 0.4979, 0.1175
CMYK	0.72, 0.43, 0.00, 0.12
HSL	216°, 73%, 57%
HSV	216°, 72%, 88%
XYZ	23.4344, 21.9746, 74.2619
YIQ	119.9220, -69.2810, 16.5990

Conversions

Conversions Part 2

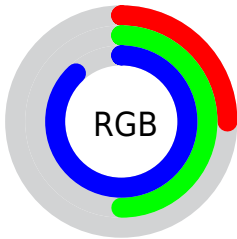
Format	Color
R _{YB}	64, 110, 225
Decimal	4227297
CIE _{Lab}	54.00, 11.80, -55.36
CIE _{LCh}	54, 56.603, 282.036
Y _{xy}	21.9746, 0.1958, 0.1836
Android (android.graphics.Color)	4282417377 (0xFF4080E1)
YUV	119.9220, 51.8035, -49.0436
Hunter-Lab	46.8770, 7.1997, -61.1124

Details

The CIELCh color **54, 56.603, 282.036** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **71, 59.560, 75.583**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 42.331, 274.752**, and **35, 55.569, 286.264** is the 20% darker color. If you saturate the color by 10%, you get **50, 64.979, 285.823**, and if you desaturate by 10%, it is **59, 48.423, 278.603**.

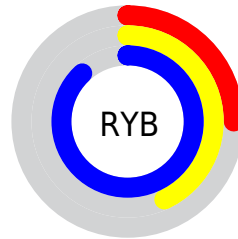
Distribution



Red (25%)

Green (50%)

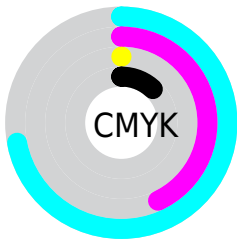
Blue (88%)



Red (25%)

Yellow (43%)

Blue (88%)

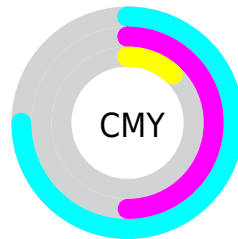


Cyan (72%)

Magenta (43%)

Yellow (0%)

Black (12%)



Cyan (75%)


Magenta (50%)


Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 56.603, 282.036 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 54, 56.603, 282.036 by changing the saturation by 10% instead.


 54, 56.603,
282.036


 54, 56.603,
282.036


 100, 56.603,
282.036

 44, 56.603,
282.036


 74, 56.603,
282.036

 34, 56.603,
282.036

 84, 56.603,
282.036

 24, 56.603,
282.036

 94, 56.603,
282.036

 14, 56.603,
282.036

 4, 56.603, 282.036

 0, 56.603, 282.036

■ 54, 56.603,
282.036

■ 54, 56.603,
282.036

■ 50, 64.979,
285.823

■ 59, 48.423,
278.603

■ 45, 73.573,
289.815

■ 63, 40.386,
275.581

■ 42, 80.976,
293.127

■ 68, 32.440,
272.974


■ 73, 24.554,
270.748

■ 79, 16.716,
268.858

■ 84, 8.927, 267.261

■ 89, 1.191, 266.110

■ 94, 6.479, 84.613

 98, 12.830,
101.130

Harmonies

Complementary

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



54, 56.603, 282.036



71, 59.560, 75.583

Rectangle

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



54, 56.603, 282.036



54, 56.603, 332.036



54, 56.603, 102.036



54, 56.603, 152.036

Sweetspot

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



54, 56.602, 282.037



88, 18.038, 268.791



80, 59.318, 160.461



45, 12.220, 269.282



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 56.602, 282.037



54, 76.171, 287.830



39, 95.202, 303.684



44, 4.381, 266.962



33, 66.214, 292.450



6, 22.205, 283.088

Inverse Universe

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



53, 66.070, 0.810



56, 80.984, 6.218



86, 76.315, 108.926



44, 5.382, 350.383



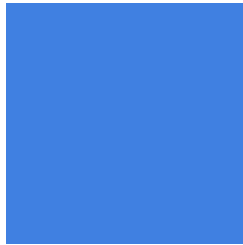
37, 64.210, 11.715



6, 25.676, 1.909

Previews

White Background



This preview shows how the CIE LCh color 54, 56.603, 282.036 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 54, 56.603, 282.036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

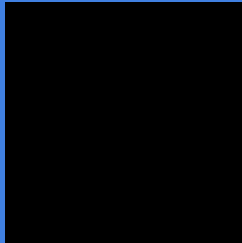
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

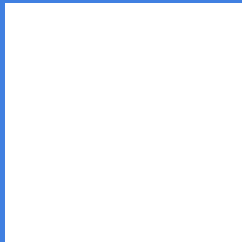
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 56.603, 282.036

Background



This preview shows how black text looks on a background with the CIELCh color 54, 56.603, 282.036.



This preview shows how white text looks on a background with the CIELCh color 54, 56.603, 282.036.

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



Original Color

54, 56.603, 282.036

Protanopia

54, 56.091, 286.501

Deuteranopia

54, 55.950, 278.903



Tritanopia
54, 31.454, 208.432

Trichromacy



Original Color
54, 56.603, 282.036

Protanomaly
54, 56.283, 284.698

Deuteranomaly
54, 56.333, 280.151

Tritanomaly
54, 33.855, 244.019

Monochromacy



Original Color
54, 56.603, 282.036

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 21.484, 271.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 56.603, 282.036 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(64, 128, 225)` looks like.

```
.text, #text, p{  
    color:rgb(64, 128, 225)  
}
```

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(64, 128, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 128, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 56.603, 282.036 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(64, 128, 225) }
```

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

```
.border{ border-color:rgb(64, 128, 225) }
```

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

Here you see how a box with a 4 pixel rgb(64, 128, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 128, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 128, 225);  
box-shadow:4px 4px 4px 4px rgb(64, 128,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 56.603, 282.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 128, 225) }
```

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

```
.background{ background-color: rgb(64, 128,  
225) }
```

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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