

Converting Colors

CIELCh(54, 60.689, 287.006)

Have a look what the booklet for
CIELCh(54, 60.689, 287.006)
contains.

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Color

CIELCh(54, 60.617, 286.921)

Conversions

Conversions Part 1

Format	Color
Hex	4F7DE6
RGB	79, 125, 230
RGB Percent	31%, 49%, 90%
CMY	0.6911, 0.5105, 0.0989
CMYK	0.66, 0.46, 0.00, 0.10
HSL	222°, 75%, 61%
HSV	222°, 66%, 90%
XYZ	24.7684, 21.9746, 77.6453
YIQ	123.2160, -61.1210, 22.9030

Conversions

Conversions Part 2

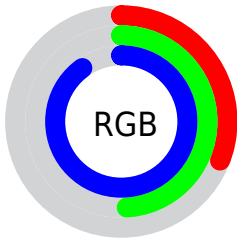
Format	Color
RYB	79, 114, 230
Decimal	5209574
CIELab	54.00, 17.64, -57.99
CIElCh	54, 60.617, 286.921
Yxy	21.9746, 0.1991, 0.1767
Android (android.graphics.Color)	4283399654 (0xFF4F7DE6)
YUV	123.2160, 52.6445, -38.7774
Hunter-Lab	46.8770, 12.2792, -65.3917

Details

The CIELCh color **54, 60.617, 286.921** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **77, 58.224, 84.470**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 43.086, 280.702**, and **35, 60.390, 289.011** is the 20% darker color. If you saturate the color by 10%, you get **49, 70.770, 290.225**, and if you desaturate by 10%, it is **59, 50.756, 283.939**.

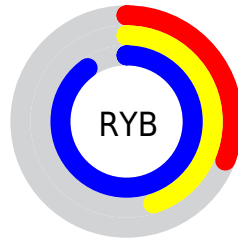
Distribution



Red (31%)

Green (49%)

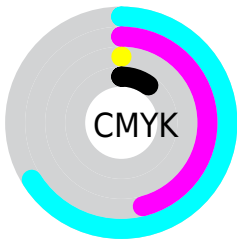
Blue (90%)



Red (31%)

Yellow (45%)

Blue (90%)

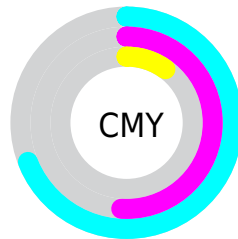


Cyan (66%)

Magenta (46%)

Yellow (0%)

Black (10%)



Cyan (69%)


Magenta (51%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 60.617, 286.921 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, 60.617, 286.921 by changing the saturation by 10% instead.


 54, 60.617,
286.921


 54, 60.617,
286.921


 100, 60.617,
286.921

 44, 60.617,
286.921


 74, 60.617,
286.921


 34, 60.617,
286.921

 84, 60.617,
286.921

 24, 60.617,
286.921

 94, 60.617,
286.921

 14, 60.617,
286.921

 4, 60.617, 286.921

 0, 60.617, 286.921

■ 54, 60.617,
286.921

■ 54, 60.617,
286.921

■ 49, 70.770,
290.225

■ 59, 50.756,
283.939

■ 44, 81.148,
293.726

■ 65, 41.171,
281.321

■ 40, 91.499,
297.214

■ 71, 31.826,
279.061

■ 38, 95.818,
298.589


■ 76, 22.689,
277.128

■ 82, 13.737,
275.480

■ 88, 4.959, 274.095

■ 94, 3.652, 92.760

■ 99, 11.586,
104.978

 99, 12.758,
109.213

Harmonies

Complementary

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



54, 60.617, 286.921



77, 58.224, 84.470

Rectangle

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



54, 60.617, 286.921



54, 60.617, 336.921



54, 60.617, 106.921



54, 60.617, 156.921

Sweetspot

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



54, 60.617, 286.922



87, 19.091, 276.171



83, 52.228, 166.977



45, 13.060, 276.642



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, 60.617, 286.922



52, 80.732, 291.516



45, 88.368, 304.409



45, 4.929, 274.578



29, 77.990, 298.020



5, 26.320, 289.015

Inverse Universe

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



56, 62.079, 6.319



57, 77.616, 11.198



87, 73.539, 113.176



45, 5.208, 356.460



37, 66.885, 20.507



7, 26.663, 8.224

Previews

White Background



This preview shows how the CIE LCh color 54, 60.617, 286.921 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 54, 60.617, 286.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

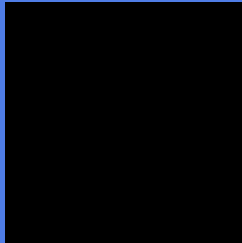
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 60.617, 286.921

Background



This preview shows how black text looks on a background with the CIELCh color 54, 60.617, 286.921.



This preview shows how white text looks on a background with the CIELCh color 54, 60.617, 286.921.

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, 60.617, 286.921

Protanopia

54, 60.643, 286.756

Deuteranopia

54, 57.819, 278.511



Tritanopia
54, 29.704, 210.461

Trichromacy



Original Color
54, 60.617, 286.921

Protanomaly
54, 60.643, 286.756

Deuteranomaly
54, 59.095, 281.296

Tritanomaly
54, 33.463, 251.286

Monochromacy



Original Color
54, 60.617, 286.921

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 22.582, 278.234

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 60.617, 286.921 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(79, 125, 230)` looks like.

```
.text, #text, p{  
    color:rgb(79, 125, 230)  
}
```

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(79, 125, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 125, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 60.617, 286.921 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(79, 125, 230) }
```

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

```
.border{ border-color:rgb(79, 125, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 125, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 125, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 125, 230);  
box-shadow:4px 4px 4px 4px rgb(79, 125,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 60.617, 286.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 125, 230) }
```

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

```
.background{ background-color: rgb(79, 125,  
230) }
```

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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