

Converting Colors

CIELCh(54, 64.296, 287.440)

Have a look what the booklet for
CIELCh(54, 64.296, 287.440)
contains.

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Color

CIELCh(54, 64.594, 287.650)

Conversions

Conversions Part 1

Format	Color
Hex	4A7CEC
RGB	74, 124, 236
RGB Percent	29%, 49%, 93%
CMY	0.7090, 0.5132, 0.0739
CMYK	0.69, 0.47, 0.00, 0.07
HSL	222°, 81%, 61%
HSV	222°, 69%, 93%
XYZ	25.2231, 21.9746, 82.3801
YIQ	121.8180, -65.7520, 24.2320

Conversions

Conversions Part 2

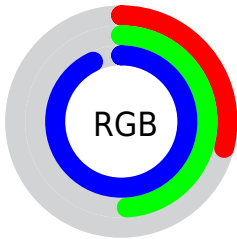
Format	Color
R _Y B	74, 112, 236
Decimal	4881644
CIE Lab	54.00, 19.59, -61.55
CIE LCh	54, 64.594, 287.650
Yxy	21.9746, 0.1947, 0.1696
Android (android.graphics.Color)	4283071724 (0xFF4A7CEC)
YUV	121.8180, 56.2917, -41.9364
Hunter-Lab	46.8770, 14.0104, -71.3804

Details

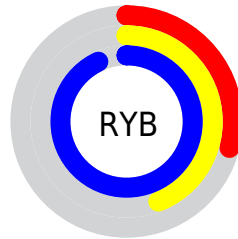
The CIELCh color **54, 64.594, 287.650** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **78, 61.770, 83.735**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 43.742, 280.325**, and **35, 63.920, 290.519** is the 20% darker color. If you saturate the color by 10%, you get **49, 74.992, 291.047**, and if you desaturate by 10%, it is **59, 54.486, 284.552**.

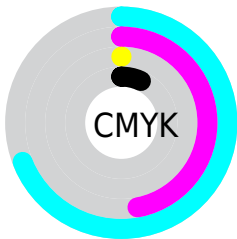
Distribution



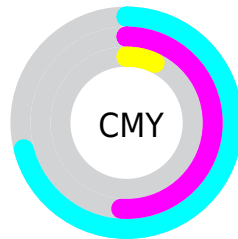
- Red (29%)
- Green (49%)
- Blue (93%)



- Red (29%)
- Yellow (44%)
- Blue (93%)



- Cyan (69%)
- Magenta (47%)
- Yellow (0%)
- Black (7%)



- Cyan (71%)
- Magenta (51%)
- Yellow (7%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 64.594, 287.650 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, 64.594, 287.650 by changing the saturation by 10% instead.

 54, 64.594,
287.650

 54, 64.594,
287.650


 100, 64.594,
287.650

 44, 64.594,
287.650


 74, 64.594,
287.650

 34, 64.594,
287.650

 84, 64.594,
287.650

 24, 64.594,
287.650

 94, 64.594,
287.650

 14, 64.594,
287.650

 4, 64.594, 287.650

 0, 64.594, 287.650

■ 54, 64.594,
287.650

■ 54, 64.594,
287.650

■ 49, 74.992,
291.047

■ 59, 54.486,
284.552

■ 44, 85.574,
294.592

■ 65, 44.665,
281.814

■ 40, 96.028,
298.031

■ 71, 35.096,
279.443

■ 39, 97.477,
298.475

■ 77, 25.741,
277.411

■ 83, 16.577,
275.679

■ 88, 7.589, 274.210

■ 94, 1.230, 92.695

■ 100, 9.441,
109.018

100, 9.544,
109.454

Harmonies

Complementary

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



54, 64.594, 287.650



78, 61.770, 83.735

Rectangle

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



54, 64.594, 287.650



54, 64.594, 337.650



54, 64.594, 107.650



54, 64.594, 157.650

Sweetspot

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



54, 64.594, 287.651



87, 19.985, 276.087



85, 55.041, 166.482



45, 13.562, 276.558



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, 64.594, 287.651



51, 83.685, 292.373



44, 94.378, 304.795



46, 5.000, 274.329



30, 78.501, 297.885



6, 27.692, 290.102

Inverse Universe

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



56, 65.749, 6.974



56, 79.448, 12.206



89, 77.666, 113.091



46, 5.313, 356.230



38, 67.511, 20.264



7, 27.799, 8.878

Previews

White Background



This preview shows how the CIE LCh color 54, 64.594, 287.650 looks on a white background.

Color Contrast Check

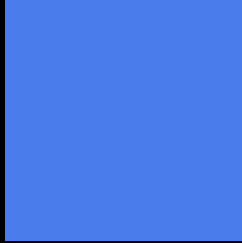
Large Text (above 18pt) WCAG AA ✓ Pass

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, 64.594, 287.650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

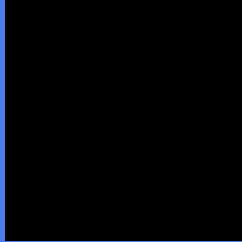
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

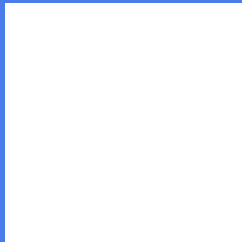
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 64.594, 287.650

Background



This preview shows how black text looks on a background with the CIELCh color 54, 64.594, 287.650.



This preview shows how white text looks on a background with the CIELCh color 54, 64.594, 287.650.

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, 64.594, 287.650

Protanopia

54, 64.611, 287.004

Deuteranopia

54, 59.212, 277.410



Tritanopia
54, 31.454, 208.432

Trichromacy



Original Color
54, 64.594, 287.650

Protanomaly
54, 64.588, 287.140

Deuteranomaly
54, 61.069, 280.019

Tritanomaly
53, 35.398, 250.231

Monochromacy



Original Color
54, 64.594, 287.650

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 24.341, 278.935

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 64.594, 287.650 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(74, 124, 236)` looks like.

```
.text, #text, p{  
    color:rgb(74, 124, 236)  
}
```

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(74, 124, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 124, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 64.594, 287.650 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(74, 124, 236) }
```

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

```
.border{ border-color:rgb(74, 124, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 124, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 124, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 124, 236);  
box-shadow:4px 4px 4px 4px rgb(74, 124,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 64.594, 287.650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 124, 236) }
```

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

```
.background{ background-color: rgb(74, 124,  
236) }
```

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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