

Converting Colors

CIELCh(54, 50.014, 279.411)

Have a look what the booklet for
CIELCh(54, 50.014, 279.411)
contains.

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Color

CIELCh(54, 50.014, 279.411)

Conversions

Conversions Part 1

Format	Color
Hex	4681D6
RGB	70, 129, 214
RGB Percent	27%, 51%, 84%
CMY	0.7238, 0.4929, 0.1594
CMYK	0.67, 0.40, 0.00, 0.16
HSL	215°, 64%, 56%
HSV	215°, 67%, 84%
XYZ	22.6309, 21.9746, 66.9038
YIQ	121.0490, -62.4490, 13.9270

Conversions

Conversions Part 2

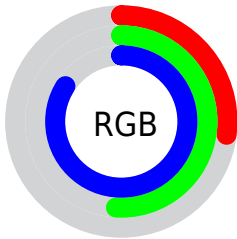
Format	Color
R _Y B	70, 112, 214
Decimal	4620758
CIE Lab	54.00, 8.18, -49.34
CIE LCh	54, 50.014, 279.411
Yxy	21.9746, 0.2030, 0.1971
Android (android.graphics.Color)	4282810838 (0xFF4681D6)
YUV	121.0490, 45.8248, -44.7700
Hunter-Lab	46.8770, 4.1400, -51.8059

Details

The CIELCh color **54, 50.014, 279.411** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **68, 53.613, 75.282**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 41.735, 274.681**, and **34, 49.851, 283.195** is the 20% darker color. If you saturate the color by 10%, you get **50, 57.759, 283.076**, and if you desaturate by 10%, it is **58, 42.414, 276.145**.

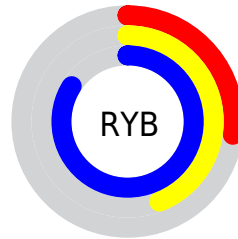
Distribution



Red (27%)

Green (51%)

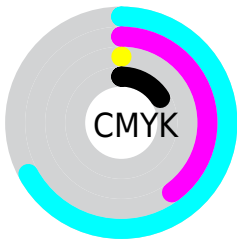
Blue (84%)



Red (27%)

Yellow (44%)

Blue (84%)

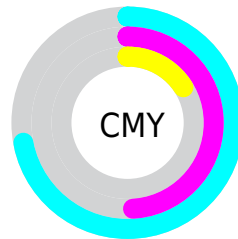


Cyan (67%)

Magenta (40%)

Yellow (0%)

Black (16%)



Cyan (72%)


Magenta (49%)


Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 50.014, 279.411 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, 50.014, 279.411 by changing the saturation by 10% instead.


 54, 50.014,
279.411


 54, 50.014,
279.411


 100, 50.014,
279.411


 44, 50.014,
279.411


 74, 50.014,
279.411

 34, 50.014,
279.411

 84, 50.014,
279.411

 24, 50.014,
279.411

 94, 50.014,
279.411

 14, 50.014,
279.411

 4, 50.014, 279.411

 0, 50.014, 279.411

■ 54, 50.014,
279.411

■ 54, 50.014,
279.411

■ 50, 57.759,
283.076

■ 58, 42.414,
276.145

■ 46, 65.702,
287.036

■ 63, 34.904,
273.304

■ 42, 73.840,
291.093

■ 68, 27.444,
270.868

■ 41, 76.201,
292.182

■ 73, 20.015,
268.797

■ 77, 12.614,
267.041

■ 82, 5.246, 265.572

■ 87, 2.079, 84.076

■ 92, 9.349, 83.084

Harmonies

Complementary

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



54, 50.014, 279.411



68, 53.613, 75.282

Rectangle

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



54, 50.014, 279.411



54, 50.014, 329.411



54, 50.014, 99.411



54, 50.014, 149.411

Sweetspot

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



54, 50.013, 279.412



89, 16.954, 267.547



77, 55.309, 160.274



46, 11.574, 268.040



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, 50.013, 279.412



57, 70.034, 284.893



40, 85.804, 302.614



43, 4.167, 265.880



32, 63.287, 291.520



5, 19.436, 280.101

Inverse Universe

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



52, 60.849, 358.633



57, 78.821, 3.205



83, 69.971, 108.288



42, 5.216, 349.653



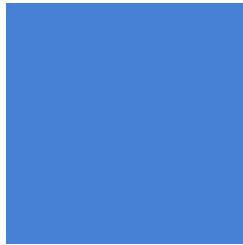
36, 62.700, 10.454



5, 22.788, 0.113

Previews

White Background



This preview shows how the CIE LCh color 54, 50.014, 279.411 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, 50.014, 279.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

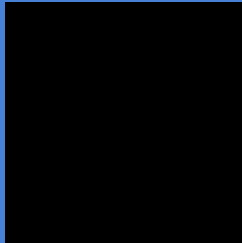
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

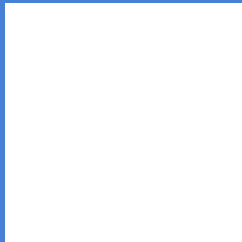
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 50.014, 279.411

Background



This preview shows how black text looks on a background with the CIELCh color 54, 50.014, 279.411.




This preview shows how white text looks on a background with the CIELCh color 54, 50.014, 279.411.

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
54, 29.704, 210.461

Trichromacy



Original Color
54, 50.014, 279.411

Protanomaly
54, 49.480, 283.261

Deuteranomaly
54, 50.014, 279.411

Tritanomaly
54, 31.477, 244.056

Monochromacy



Original Color
54, 50.014, 279.411

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 19.142, 270.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 50.014, 279.411 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(70, 129, 214)` looks like.

```
.text, #text, p{  
    color:rgb(70, 129, 214)  
}
```

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(70, 129, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 129, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 50.014, 279.411 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(70, 129, 214) }
```

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

```
.border{ border-color:rgb(70, 129, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 129, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 129, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 129, 214);  
box-shadow:4px 4px 4px 4px rgb(70, 129,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 50.014, 279.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 129, 214) }
```

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

```
.background{ background-color: rgb(70, 129,  
214) }
```

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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