

Converting Colors

CIELCh(54, 31.914, 284.818)

Have a look what the booklet for
CIELCh(54, 31.914, 284.818)
contains.

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Color

CIELCh(54, 31.914, 284.818)

Conversions

Conversions Part 1

Format	Color
Hex	6F7FB6
RGB	111, 127, 182
RGB Percent	44%, 50%, 71%
CMY	0.5643, 0.5015, 0.2858
CMYK	0.39, 0.30, 0.00, 0.29
HSL	226°, 33%, 57%
HSV	226°, 39%, 71%
XYZ	22.6274, 21.9746, 47.3665
YIQ	128.4860, -27.1910, 13.7130

Conversions

Conversions Part 2

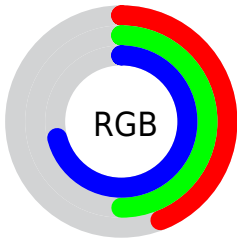
Format	Color
R_{YB}	111, 124, 182
Decimal	7307190
CIE _{Lab}	54.00, 8.16, -30.85
CIE _{LCh}	54, 31.914, 284.818
Y _{xy}	21.9746, 0.2460, 0.2389
Android (android.graphics.Color)	4285497270 (0xFF6F7FB6)
YUV	128.4860, 26.3824, -15.3352
Hunter-Lab	46.8770, 4.1266, -27.0952

Details

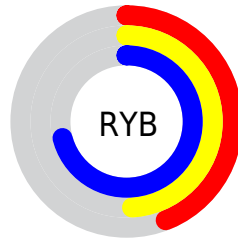
The CIELCh color `54, 31.914, 284.818` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `68, 30.671, 94.182`, and the grayscale version is `54, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 31.606, 284.490`, and `34, 32.176, 285.126` is the 20% darker color. If you saturate the color by 10%, you get `49, 40.715, 287.008`, and if you desaturate by 10%, it is `59, 23.387, 282.932`.

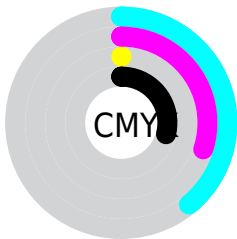
Distribution



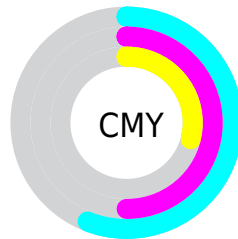
- Red (44%)
- Green (50%)
- Blue (71%)



- Red (44%)
- Yellow (49%)
- Blue (71%)



- Cyan (39%)
- Magenta (30%)
- Yellow (0%)
- Black (29%)





- Cyan (56%)
- Magenta (50%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 31.914, 284.818 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, 31.914, 284.818 by changing the saturation by 10% instead.


 54, 31.914,
284.818

 54, 31.914,
284.818


 100, 31.914,
284.818


 44, 31.914,
284.818


 74, 31.914,
284.818

 34, 31.914,
284.818

 84, 31.914,
284.818

 24, 31.914,
284.818

 94, 31.914,
284.818

 14, 31.914,
284.818

 4, 31.914, 284.818

 0, 31.914, 284.818

■ 54, 31.914,
284.818

■ 54, 31.914,
284.818

■ 49, 40.715,
287.008

■ 59, 23.387,
282.932

■ 44, 49.816,
289.520

■ 64, 15.110,
281.318

■ 39, 59.216,
292.333

■ 69, 7.061, 279.943

■ 35, 68.834,
295.366

■ 75, 0.775, 98.521

■ 30, 78.402,
298.448

■ 80, 8.411, 97.680

■ 27, 87.386,
301.285

■ 85, 15.857, 96.795

■ 27, 88.241,
301.534

■ 90, 23.119, 96.017

■ 95, 30.055, 96.644

■ 98, 36.178,
106.854

Harmonies

Complementary

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



54, 31.914, 284.818



68, 30.671, 94.182

Rectangle

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



54, 31.914, 284.818



54, 31.914, 334.818



54, 31.914, 104.818



54, 31.914, 154.818

Sweetspot

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



54, 31.913, 284.818



86, 11.731, 280.360



69, 26.244, 176.926



45, 7.857, 280.534



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



54, 31.913, 284.818



64, 48.322, 286.730



51, 41.936, 303.505



36, 4.482, 279.988



22, 77.660, 301.183



2, 12.899, 282.563

Inverse Universe

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



55, 30.361, 6.061



66, 45.790, 7.711



71, 38.550, 118.193



36, 4.178, 2.149



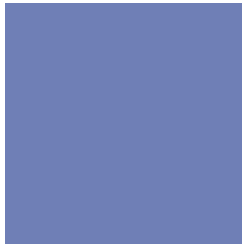
32, 62.813, 26.677



2, 10.972, 5.976

Previews

White Background



This preview shows how the CIELCh color 54, 31.914, 284.818 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, 31.914, 284.818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

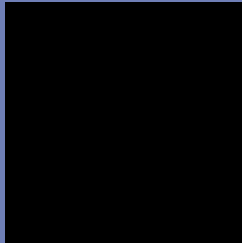
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

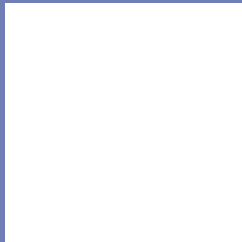
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 31.914, 284.818

Background



This preview shows how black text looks on a background with the CIELCh color 54, 31.914, 284.818.



This preview shows how white text looks on a background with the CIELCh color 54, 31.914, 284.818.

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, 31.914, 284.818

Protanopia

54, 31.877, 285.354

Deuteranopia

54, 31.394, 283.431



Tritanopia
54, 12.818, 228.299

Trichromacy



Original Color
54, 31.914, 284.818

Protanomaly
54, 31.877, 285.354

Deuteranomaly
54, 31.394, 283.431

Tritanomaly
54, 17.612, 261.754

Monochromacy



Original Color
54, 31.914, 284.818

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 11.702, 280.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 31.914, 284.818 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(111, 127, 182)` looks like.

```
.text, #text, p{  
    color:rgb(111, 127, 182)  
}
```

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(111, 127, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 127, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 31.914, 284.818 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(111, 127, 182) }
```

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

```
.border{ border-color:rgb(111, 127, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 127, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 127, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 127, 182);  
box-shadow:4px 4px 4px 4px rgb(111, 127,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 31.914, 284.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 127, 182) }
```

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

```
.background{ background-color: rgb(111,  
127, 182) }
```

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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