

Converting Colors

CIELCh(53, 46.908, 294.290)

Have a look what the booklet for
CIELCh(53, 46.908, 294.290)
contains.

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Color

CIELCh(53, 46.815, 294.210)

Conversions

Conversions Part 1

Format	Color
Hex	7377C8
RGB	115, 119, 200
RGB Percent	45%, 47%, 78%
CMY	0.5486, 0.5329, 0.2152
CMYK	0.42, 0.40, 0.00, 0.22
HSL	237°, 44%, 62%
HSV	237°, 42%, 78%
XYZ	24.1329, 21.0462, 57.5046
YIQ	127.0380, -28.3850, 24.3430

Conversions

Conversions Part 2

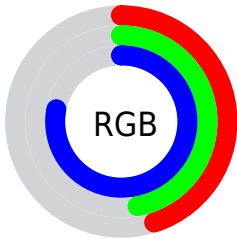
Format	Color
R _Y B	115, 119, 200
Decimal	7567304
CIE Lab	53.00, 19.20, -42.70
CIE LCh	53, 46.815, 294.210
Yxy	21.0462, 0.2350, 0.2050
Android (android.graphics.Color)	4285757384 (0xFF7377C8)
YUV	127.0380, 35.9703, -10.5573
Hunter-Lab	45.8761, 13.6159, -42.2053

Details

The CIELCh color $53, 46.815, 294.210$ is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be $78, 42.306, 103.976$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 45.662, 294.023$, and $33, 46.413, 293.943$ is the 20% darker color. If you saturate the color by 10%, you get $47, 59.034, 296.255$, and if you desaturate by 10%, it is $59, 35.059, 292.427$.

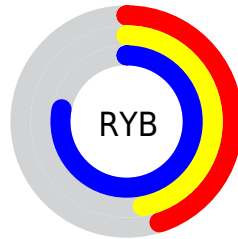
Distribution



Red (45%)

Green (47%)

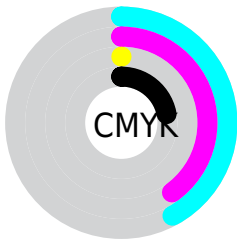
Blue (78%)



Red (45%)

Yellow (47%)

Blue (78%)

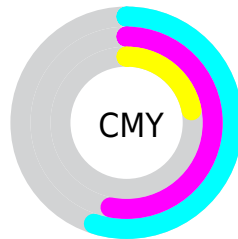


Cyan (42%)

Magenta (40%)

Yellow (0%)

Black (22%)



Cyan (55%)


Magenta (53%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 46.815, 294.210 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 53, 46.815, 294.210 by changing the saturation by 10% instead.


 53, 46.815,
294.210


 53, 46.815,
294.210


 100, 46.815,
294.210


 43, 46.815,
294.210


 73, 46.815,
294.210


 33, 46.815,
294.210


 83, 46.815,
294.210

 23, 46.815,
294.210

 93, 46.815,
294.210

 13, 46.815,
294.210

 3, 46.815, 294.210

 0, 46.815, 294.210

■ 53, 46.815,
294.210

■ 53, 46.815,
294.210

■ 47, 59.034,
296.255

■ 59, 35.059,
292.427

■ 40, 71.603,
298.524

■ 66, 23.779,
290.899

■ 35, 84.144,
300.897

■ 73, 12.946,
289.599

■ 30, 95.778,
303.143

■ 79, 2.528, 288.518

■ 85, 7.508, 107.531

■ 27, 105.003,
304.939

■ 92, 17.189,
106.732

■ 25, 109.440,
305.777

■ 98, 26.539,
106.202

■ 99, 27.676,
108.076

Harmonies

Complementary

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



53, 46.815, 294.210



78, 42.306, 103.976

Rectangle

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



53, 46.815, 294.210



53, 46.815, 344.210



53, 46.815, 114.210



53, 46.815, 164.210

Sweetspot

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



53, 46.814, 294.210



90, 16.446, 289.684



75, 27.405, 192.533



46, 11.557, 289.960



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 46.814, 294.210



60, 69.744, 296.094



55, 50.323, 309.612



38, 5.822, 289.239



19, 93.579, 305.633



1, 20.796, 290.545

Inverse Universe

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



58, 36.024, 20.228



68, 53.901, 22.092



76, 46.965, 125.265



39, 4.282, 16.123



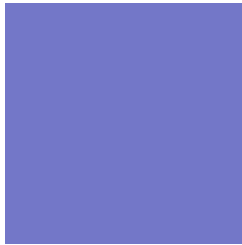
34, 72.777, 37.852



3, 15.908, 16.971

Previews

White Background



This preview shows how the CIELCh color 53, 46.815, 294.210 looks on a white background.

Color Contrast Check

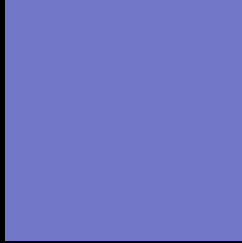
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 46.815, 294.210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

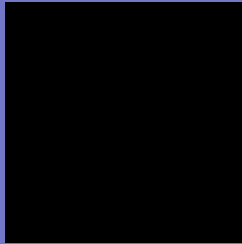
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 46.815, 294.210

Background



This preview shows how black text looks on a background with the CIELCh color 53, 46.815, 294.210.



This preview shows how white text looks on a background with the CIELCh color 53, 46.815, 294.210.

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](#).

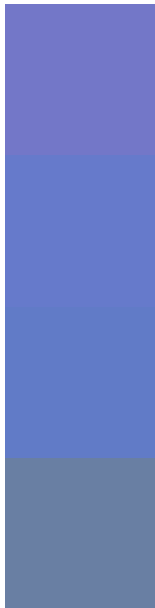
Dichromacy





Tritanopia
53, 12.617, 225.872

Trichromacy



Original Color
53, 46.815, 294.210

Protanomaly
53, 46.881, 288.793

Deuteranomaly
53, 44.199, 285.871

Tritanomaly
53, 21.814, 273.019

Monochromacy



Original Color
53, 46.815, 294.210

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 17.384, 291.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 46.815, 294.210 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(115, 119, 200)` looks like.

```
.text, #text, p{  
    color:rgb(115, 119, 200)  
}
```

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(115, 119, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 119, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 46.815, 294.210 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(115, 119, 200) }
```

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

```
.border{ border-color:rgb(115, 119, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 119, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 119, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 119, 200);  
box-shadow:4px 4px 4px 4px rgb(115, 119,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 46.815, 294.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 119, 200) }
```

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

```
.background{ background-color: rgb(115,  
119, 200) }
```

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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