

Converting Colors

CIELCh(54, 38.076, 287.965)

Have a look what the booklet for
CIELCh(54, 38.076, 287.965)
contains.

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Color

CIELCh(54, 37.547, 287.575)

Conversions

Conversions Part 1

Format	Color
Hex	6F7EBF
RGB	111, 126, 191
RGB Percent	44%, 49%, 75%
CMY	0.5657, 0.5068, 0.2520
CMYK	0.42, 0.34, 0.00, 0.25
HSL	229°, 38%, 59%
HSV	229°, 42%, 75%
XYZ	23.3302, 21.9746, 52.1531
YIQ	128.9250, -29.8050, 17.0350

Conversions

Conversions Part 2

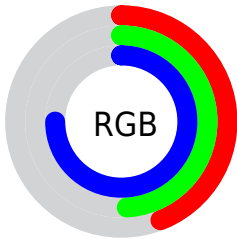
Format	Color
R_{YB}	111, 124, 191
Decimal	7306943
CIE _{Lab}	54.00, 11.34, -35.79
CIE _{LCh}	54, 37.547, 287.575
Yxy	21.9746, 0.2394, 0.2255
Android (android.graphics.Color)	4285497023 (0xFF6F7EBF)
YUV	128.9250, 30.6030, -15.7202
Hunter-Lab	46.8770, 6.8026, -33.1493

Details

The CIELCh color $54, 37.547, 287.575$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $72, 35.406, 96.264$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 37.974, 288.114$, and $34, 37.656, 287.951$ is the 20% darker color. If you saturate the color by 10%, you get $49, 47.304, 289.810$, and if you desaturate by 10%, it is $60, 28.127, 285.644$.

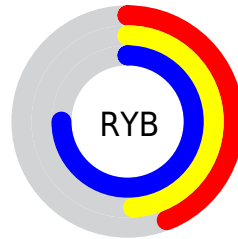
Distribution



Red (44%)

Green (49%)

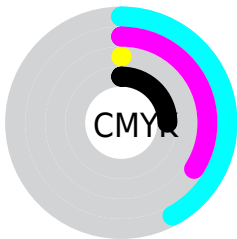
Blue (75%)



Red (44%)

Yellow (49%)

Blue (75%)

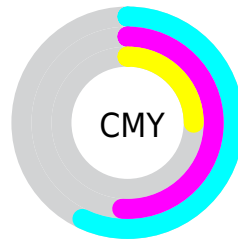


Cyan (42%)

Magenta (34%)

Yellow (0%)

Black (25%)



Cyan (57%)


Magenta (51%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 37.547, 287.575 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, 37.547, 287.575 by changing the saturation by 10% instead.


 54, 37.547,
287.575


 54, 37.547,
287.575


 100, 37.547,
287.575


 44, 37.547,
287.575


 74, 37.547,
287.575

 34, 37.547,
287.575

 84, 37.547,
287.575

 24, 37.547,
287.575

 94, 37.547,
287.575

 14, 37.547,
287.575

 4, 37.547, 287.575

 0, 37.547, 287.575

■ 54, 37.547,
287.575

■ 54, 37.547,
287.575

■ 49, 47.304,
289.810

■ 60, 28.127,
285.644

■ 43, 57.411,
292.350

■ 65, 19.020,
283.989

■ 38, 67.812,
295.148

■ 71, 10.197,
282.577

■ 33, 78.286,
298.076

■ 76, 1.637, 281.436

■ 82, 6.678, 100.280

■ 29, 88.308,
300.914

■ 87, 14.762, 99.387

■ 27, 95.489,
302.886

■ 93, 22.628, 98.604

■ 97, 29.890,
104.001

■ 99, 32.341,

Harmonies

Complementary

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



54, 37.547, 287.575



72, 35.406, 96.264

Rectangle

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



54, 37.547, 287.575



54, 37.547, 337.575



54, 37.547, 107.575



54, 37.547, 157.575

Sweetspot

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



54, 37.546, 287.575



88, 13.741, 282.744



72, 28.383, 179.227



46, 9.725, 283.046



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



54, 37.546, 287.575



63, 56.131, 289.540



52, 47.165, 304.836



37, 4.782, 282.248



22, 82.123, 302.530



2, 15.121, 284.735

Inverse Universe

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



56, 33.889, 9.441



67, 50.427, 11.250



74, 43.176, 119.406



37, 4.216, 4.987



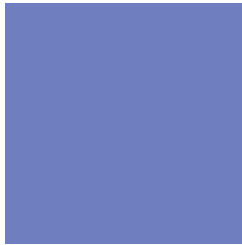
33, 65.132, 29.661



3, 12.499, 8.728

Previews

White Background



This preview shows how the CIELCh color 54, 37.547, 287.575 looks on a white background.

Color Contrast Check

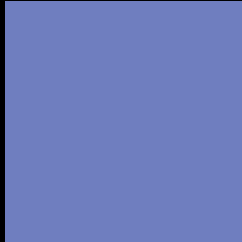
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37.547, 287.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

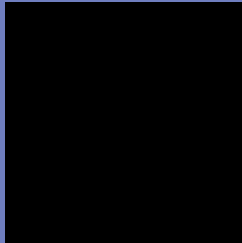
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 37.547, 287.575

Background



This preview shows how black text looks on a background with the CIELCh color 54, 37.547, 287.575.



This preview shows how white text looks on a background with the CIELCh color 54, 37.547, 287.575.

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, 37.547, 287.575

Protanopia

54, 37.096, 285.144

Deuteranopia

54, 36.191, 281.990



Tritanopia
54, 13.934, 225.575

Trichromacy



Original Color
54, 37.547, 287.575

Protanomaly
54, 37.061, 285.576

Deuteranomaly
54, 36.615, 284.033

Tritanomaly
54, 19.460, 262.273

Monochromacy



Original Color
54, 37.547, 287.575

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 13.399, 282.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 37.547, 287.575 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, 126, 191)` looks like.

```
.text, #text, p{  
    color:rgb(111, 126, 191)  
}
```

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, 126, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 126, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 37.547, 287.575 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, 126, 191) }
```

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

```
.border{ border-color:rgb(111, 126, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 126, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 126, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 126, 191);  
box-shadow:4px 4px 4px 4px rgb(111, 126,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 37.547, 287.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 126, 191) }
```

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

```
.background{ background-color: rgb(111,  
126, 191) }
```

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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