

Converting Colors

CIELCh(54, 34.715, 289.463)

Have a look what the booklet for
CIELCh(54, 34.715, 289.463)
contains.

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Color

CIELCh(54, 34.631, 289.554)

Conversions

Conversions Part 1

Format	Color
Hex	747DB9
RGB	116, 125, 185
RGB Percent	45%, 49%, 73%
CMY	0.5441, 0.5088, 0.2735
CMYK	0.37, 0.32, 0.00, 0.27
HSL	232°, 33%, 59%
HSV	232°, 37%, 73%
XYZ	23.3869, 21.9746, 49.0563
YIQ	129.1490, -24.6240, 16.7520

Conversions

Conversions Part 2

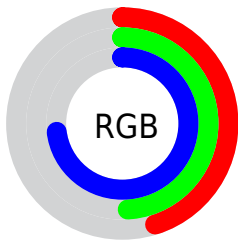
Format	Color
R _Y B	116, 124, 185
Decimal	7634361
CIE Lab	54.00, 11.59, -32.63
CIE LCh	54, 34.631, 289.554
Yxy	21.9746, 0.2477, 0.2327
Android (android.graphics.Color)	4285824441 (0xFF747DB9)
YUV	129.1490, 27.5345, -11.5317
Hunter-Lab	46.8770, 7.0185, -29.2325

Details

The CIELCh color $54, 34.631, 289.554$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $71, 32.422, 100.232$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 34.711, 289.763$, and $34, 35.122, 289.932$ is the 20% darker color. If you saturate the color by 10%, you get $48, 44.760, 291.556$, and if you desaturate by 10%, it is $60, 24.878, 287.830$.

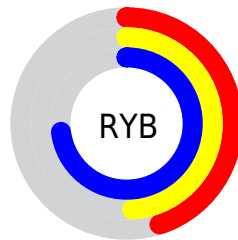
Distribution



Red (45%)

Green (49%)

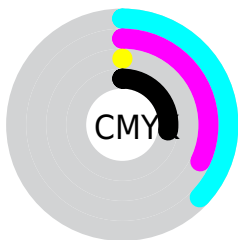
Blue (73%)



Red (45%)

Yellow (49%)

Blue (73%)

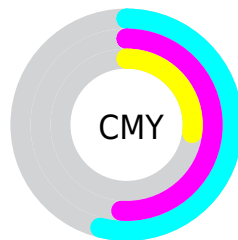


Cyan (37%)

Magenta (32%)

Yellow (0%)

Black (27%)



Cyan (54%)


Magenta (51%)


Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 34.631, 289.554 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, 34.631, 289.554 by changing the saturation by 10% instead.


 54, 34.631,
289.554


 54, 34.631,
289.554


 100, 34.631,
289.554


 44, 34.631,
289.554


 74, 34.631,
289.554

 34, 34.631,
289.554

 84, 34.631,
289.554

 24, 34.631,
289.554

 94, 34.631,
289.554

 14, 34.631,
289.554

 4, 34.631, 289.554

 0, 34.631, 289.554

■ 54, 34.631,
289.554

■ 54, 34.631,
289.554

■ 48, 44.760,
291.556

■ 60, 24.878,
287.830

■ 43, 55.274,
293.845

■ 65, 15.477,
286.357

■ 37, 66.106,
296.382

■ 71, 6.400, 285.106

■ 77, 2.378, 103.961

■ 33, 77.011,
299.058

■ 82, 10.880,
103.071

■ 28, 87.397,
301.659


■ 88, 19.121,
102.274

■ 25, 96.220,
303.880

■ 94, 27.117,
101.580

■ 24, 98.239,
304.352

■ 98, 34.654,
106.996

 99, 35.050,
107.507

Harmonies

Complementary

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



54, 34.631, 289.554



71, 32.422, 100.232

Rectangle

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



54, 34.631, 289.554



54, 34.631, 339.554



54, 34.631, 109.554



54, 34.631, 159.554

Sweetspot

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



54, 34.630, 289.554



87, 12.048, 285.572



71, 24.004, 185.326



45, 8.108, 285.739



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, 34.630, 289.554



63, 52.404, 291.234



54, 40.851, 306.578



36, 4.982, 285.349



20, 85.541, 304.087



1, 13.916, 286.160

Inverse Universe

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



56, 29.043, 12.975



67, 44.022, 14.520



72, 38.120, 122.336



36, 4.056, 9.444



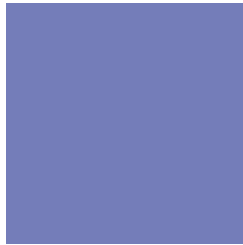
32, 66.774, 33.477



2, 10.759, 11.534

Previews

White Background



This preview shows how the CIELCh color 54, 34.631, 289.554 looks on a white background.

Color Contrast Check

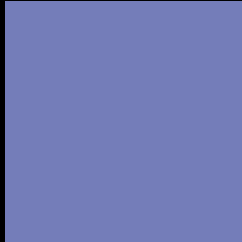
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.631, 289.554 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, 34.631, 289.554

Background



This preview shows how black text looks on a background with the CIELCh color 54, 34.631, 289.554.



This preview shows how white text looks on a background with the CIELCh color 54, 34.631, 289.554.

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, 34.631, 289.554

Protanopia

54, 34.753, 285.550

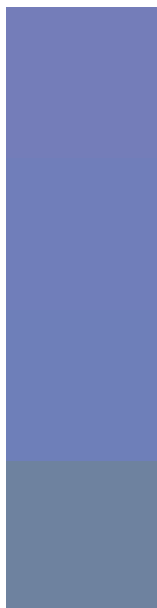
Deuteranopia

54, 33.196, 282.771



Tritanopia
54, 11.426, 232.537

Trichromacy



Original Color
54, 34.631, 289.554

Protanomaly
54, 34.703, 287.038

Deuteranomaly
54, 33.633, 285.065

Tritanomaly
54, 17.851, 269.479

Monochromacy



Original Color
54, 34.631, 289.554

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 12.174, 284.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 34.631, 289.554 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(116, 125, 185)` looks like.

```
.text, #text, p{  
    color:rgb(116, 125, 185)  
}
```

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(116, 125, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 125, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 34.631, 289.554 is called "border". The border property can be set on classes, ids or directly on the HTML element.

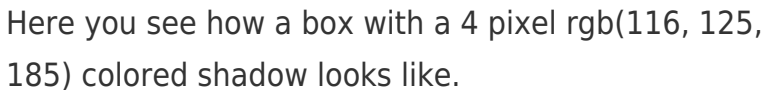
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 125, 185) }
```

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

```
.border{ border-color:rgb(116, 125, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 125, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 125, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 125, 185); box-shadow:4px 4px 4px 4px rgb(116, 125, 185) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 34.631, 289.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 125, 185) }
```

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

```
.background{ background-color: rgb(116,  
125, 185) }
```

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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