

Converting Colors

CIELCh(54, 60.612, 325.222)

Have a look what the booklet for
CIELCh(54, 60.612, 325.222)
contains.

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Color

CIELCh(54, 60.590, 325.116)

Conversions

Conversions Part 1

Format	Color
Hex	B85FBE
RGB	184, 95, 190
RGB Percent	72%, 37%, 75%
CMY	0.2798, 0.6287, 0.2563
CMYK	0.03, 0.50, 0.00, 0.26
HSL	296°, 42%, 56%
HSV	296°, 50%, 74%
XYZ	33.0015, 21.9746, 51.0197
YIQ	132.4410, 22.5490, 48.4130

Conversions

Conversions Part 2

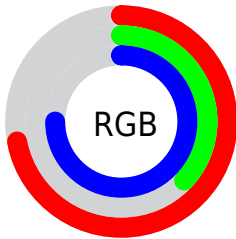
Format	Color
RYB	184, 95, 190
Decimal	12083134
CIELab	54.00, 49.70, -34.65
CIELCh	54, 60.590, 325.116
Yxy	21.9746, 0.3113, 0.2073
Android (android.graphics.Color)	4290273214 (0xFFB85FBE)
YUV	132.4410, 28.3766, 45.2172
Hunter-Lab	46.8770, 43.6293, -31.7157

Details

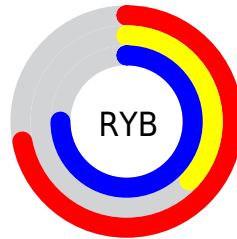
The CIELCh color **54, 60.590, 325.116** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **70, 60.524, 139.100**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 60.504, 325.073**, and **34, 60.506, 325.299** is the 20% darker color. If you saturate the color by 10%, you get **50, 70.879, 325.463**, and if you desaturate by 10%, it is **58, 49.196, 324.698**.

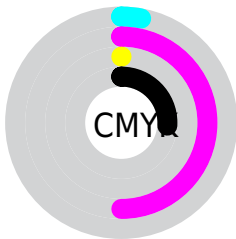
Distribution



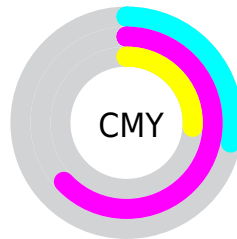
- Red (72%)
- Green (37%)
- Blue (75%)



- Red (72%)
- Yellow (37%)
- Blue (75%)



- Cyan (3%)
- Magenta (50%)
- Yellow (0%)
- Black (26%)





- Cyan (28%)
- Magenta (63%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 60.590, 325.116 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, 60.590, 325.116 by changing the saturation by 10% instead.


 54, 60.590,
325.116


 54, 60.590,
325.116


 100, 60.590,
325.116


 44, 60.590,
325.116


 74, 60.590,
325.116

 34, 60.590,
325.116

 84, 60.590,
325.116

 24, 60.590,
325.116

 94, 60.590,
325.116

 14, 60.590,
325.116

 4, 60.590, 325.116

 0, 60.590, 325.116

54, 60.590,
325.116

54, 60.590,
325.116

50, 70.879,
325.463

58, 49.196,
324.698

48, 79.576,
325.716

62, 37.147,
324.232

45, 86.221,
325.853

67, 24.791,
323.736

44, 90.529,
325.859

72, 12.385,
323.224

43, 92.835,
325.754

77, 0.106, 320.531

82, 11.936,
142.271

87, 23.675,
141.791

92, 35.076,
141.340

■ 95, 40.001,
140.890

Harmonies

Complementary

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



54, 60.590, 325.116



70, 60.524, 139.100

Rectangle

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



54, 60.590, 325.116



54, 60.590, 15.116



54, 60.590, 145.116



54, 60.590, 195.116

Sweetspot

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



54, 60.588, 325.116



88, 22.935, 323.490



46, 52.451, 294.929



46, 15.790, 323.599



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, 60.588, 325.116



65, 87.575, 325.490



53, 46.185, 345.038



37, 6.932, 323.185



36, 81.134, 325.787



3, 20.790, 322.688

Inverse Universe

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



52, 41.276, 20.484



62, 62.536, 23.199



70, 44.646, 155.164



37, 4.104, 14.799



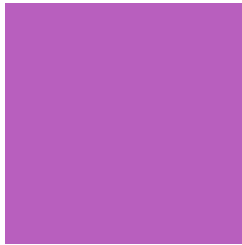
32, 70.397, 37.061



3, 12.287, 15.762

Previews

White Background



This preview shows how the CIELCh color 54, 60.590, 325.116 looks on a white background.

Color Contrast Check

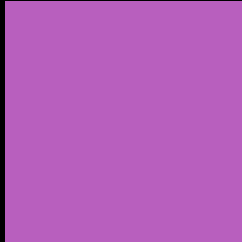
Large Text (above 18pt) WCAG AA ✓ Pass

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, 60.590, 325.116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

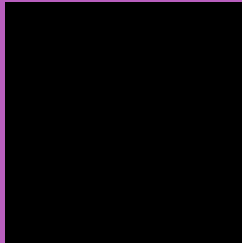
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 60.590, 325.116

Background



This preview shows how black text looks on a background with the CIELCh color 54, 60.590, 325.116.

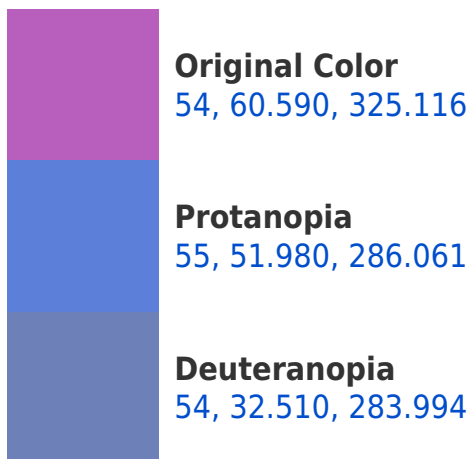


This preview shows how white text looks on a background with the CIELCh color 54, 60.590, 325.116.

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, 26.706, 12.999

Trichromacy



Original Color
54, 60.590, 325.116



Protanomaly
53, 53.291, 299.400



Deuteranomaly
53, 41.194, 304.455



Tritanomaly
54, 35.313, 345.235

Monochromacy



Original Color
54, 60.590, 325.116



Achromatopsia
55, 0.007, 296.813



Achromatomaly
54, 23.760, 324.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 60.590, 325.116 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(184, 95, 190)` looks like.

```
.text, #text, p{  
    color:rgb(184, 95, 190)  
}
```

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(184, 95, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 95, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 60.590, 325.116 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(184, 95, 190) }
```

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

```
.border{ border-color:rgb(184, 95, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 95, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 95, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 95, 190);  
box-shadow:4px 4px 4px 4px rgb(184, 95,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 60.590, 325.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 95, 190) }
```

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

```
.background{ background-color: rgb(184, 95,  
190) }
```

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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