

Converting Colors

CIELCh(54, 60.625, 324.783)

Have a look what the booklet for
CIELCh(54, 60.625, 324.783)
contains.

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Color

CIELCh(54, 60.480, 324.796)

Conversions

Conversions Part 1

Format	Color
Hex	B75FBE
RGB	183, 95, 190
RGB Percent	72%, 37%, 75%
CMY	0.2823, 0.6274, 0.2548
CMYK	0.04, 0.50, 0.00, 0.25
HSL	296°, 42%, 56%
HSV	296°, 50%, 75%
XYZ	32.9215, 21.9746, 51.2304
YIQ	132.1420, 21.9530, 48.2010

Conversions

Conversions Part 2

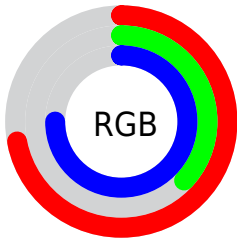
Format	Color
RYB	183, 95, 190
Decimal	12017598
CIELab	54.00, 49.42, -34.87
CIELCh	54, 60.480, 324.796
Yxy	21.9746, 0.3102, 0.2071
Android (android.graphics.Color)	4290207678 (0xFFB75FBE)
YUV	132.1420, 28.5240, 44.6025
Hunter-Lab	46.8770, 43.3247, -31.9823

Details

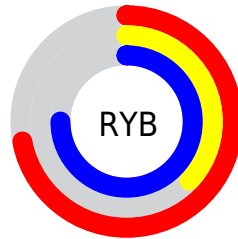
The CIELCh color **54, 60.480, 324.796** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **70, 60.342, 138.885**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 60.368, 324.769**, and **34, 60.458, 324.960** is the 20% darker color. If you saturate the color by 10%, you get **50, 70.817, 325.136**, and if you desaturate by 10%, it is **58, 49.059, 324.384**.

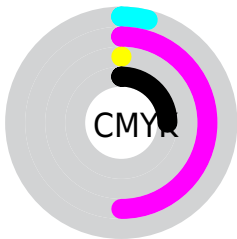
Distribution



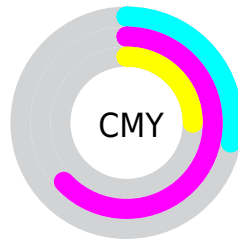
- Red (72%)
- Green (37%)
- Blue (75%)



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



- Cyan (4%)
- Magenta (50%)
- Yellow (0%)
- Black (25%)





- Cyan (28%)
- Magenta (63%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 60.480, 324.796 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, 60.480, 324.796 by changing the saturation by 10% instead.


 54, 60.480,
324.796

 54, 60.480,
324.796


 100, 60.480,
324.796

 44, 60.480,
324.796


 74, 60.480,
324.796

 34, 60.480,
324.796

 84, 60.480,
324.796

 24, 60.480,
324.796

 94, 60.480,
324.796

 14, 60.480,
324.796

 4, 60.480, 324.796

 0, 60.480, 324.796

54, 60.480,
324.796

54, 60.480,
324.796

50, 70.817,
325.136

58, 49.059,
324.384

47, 79.580,
325.379

62, 37.000,
323.923

45, 86.299,
325.501

67, 24.650,
323.433

44, 90.675,
325.486

72, 12.260,
322.926

43, 93.042,
325.352


77, 0.004, 251.244

43, 93.043,
325.352

82, 12.017,
141.986

87, 23.730,
141.512

92, 35.108,
141.068

 95, 39.615,
140.570

Harmonies

Complementary

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



54, 60.480, 324.796



70, 60.342, 138.885

Rectangle

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



54, 60.480, 324.796



54, 60.480, 14.796



54, 60.480, 144.796



54, 60.480, 194.796

Sweetspot

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



54, 60.478, 324.796



88, 22.865, 323.194



47, 51.424, 294.232



46, 15.742, 323.301



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, 60.478, 324.796



65, 87.471, 325.165



53, 46.636, 344.096



37, 6.910, 322.892



35, 81.199, 325.391



3, 20.683, 322.230

Inverse Universe

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



52, 41.164, 19.694



62, 62.312, 22.441



70, 45.271, 154.414



37, 4.109, 13.959



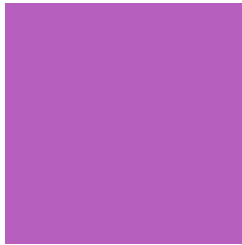
32, 70.001, 36.599



3, 12.297, 15.165

Previews

White Background



This preview shows how the CIELCh color 54, 60.480, 324.796 looks on a white background.

Color Contrast Check

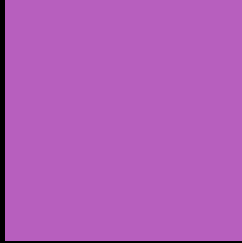
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 54, 60.480, 324.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

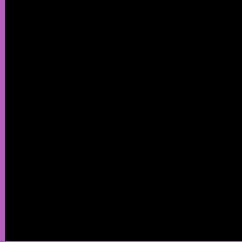
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 60.480, 324.796

Background



This preview shows how black text looks on a background with the CIELCh color 54, 60.480, 324.796.

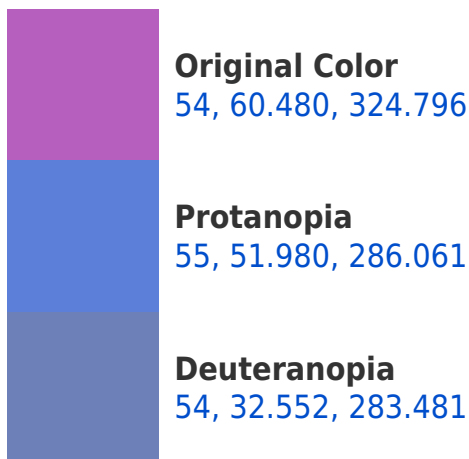


This preview shows how white text looks on a background with the CIELCh color 54, 60.480, 324.796.

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, 26.288, 12.781

Trichromacy



Original Color
54, 60.480, 324.796



Protanomaly
53, 53.291, 299.400



Deuteranomaly
53, 41.150, 303.995



Tritanomaly
54, 35.025, 344.769

Monochromacy



Original Color
54, 60.480, 324.796



Achromatopsia
55, 0.007, 296.813



Achromatomaly
54, 23.068, 323.953

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 60.480, 324.796 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(183, 95, 190)` looks like.

```
.text, #text, p{  
    color:rgb(183, 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(183, 95, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 95, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 60.480, 324.796 is called "border". The border property can be set on classes, ids or directly on the HTML element.

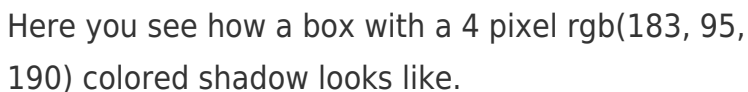
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 95, 190) }
```

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

```
.border{ border-color:rgb(183, 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(183, 95, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 95, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 95, 190); box-shadow:4px 4px 4px 4px rgb(183, 95, 190) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 60.480, 324.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 95, 190) }
```

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

```
.background{ background-color: rgb(183, 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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