

Converting Colors

CIELCh(54, 70.579, 320.059)

Have a look what the booklet for
CIELCh(54, 70.579, 320.059)
contains.

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Color

CIELCh(54, 70.254, 320.080)

Conversions

Conversions Part 1

Format	Color
Hex	B55CD0
RGB	181, 92, 208
RGB Percent	71%, 36%, 82%
CMY	0.2909, 0.6398, 0.1850
CMYK	0.13, 0.56, 0.00, 0.18
HSL	286°, 55%, 59%
HSV	286°, 56%, 82%
XYZ	34.1925, 21.9746, 62.0027
YIQ	131.8350, 15.8080, 54.9440

Conversions

Conversions Part 2

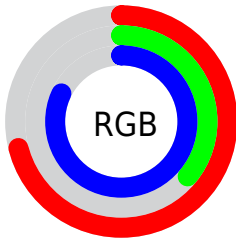
Format	Color
R_{YB}	181, 92, 208
Decimal	11885776
CIE _{Lab}	54.00, 53.88, -45.08
CIE _{LCh}	54, 70.254, 320.080
Yxy	21.9746, 0.2894, 0.1860
Android (android.graphics.Color)	4290075856 (0xFFB55CD0)
YUV	131.8350, 37.5493, 43.1177
Hunter-Lab	46.8770, 48.1647, -45.6070

Details

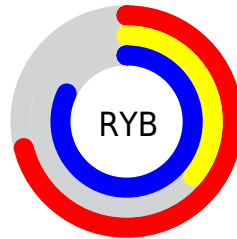
The CIELCh color **54, 70.254, 320.080** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted purple. A complement of this color would be **76, 68.468, 134.692**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 65.381, 322.318**, and **34, 70.157, 320.002** is the 20% darker color. If you saturate the color by 10%, you get **50, 80.974, 320.286**, and if you desaturate by 10%, it is **59, 58.347, 319.761**.

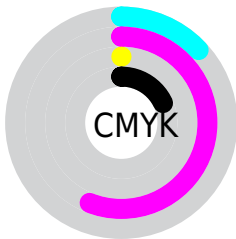
Distribution



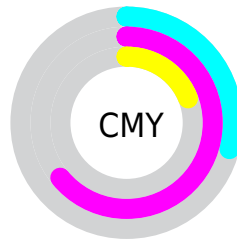
- Red (71%)
- Green (36%)
- Blue (82%)



- Red (71%)
- Yellow (36%)
- Blue (82%)



- Cyan (13%)
- Magenta (56%)
- Yellow (0%)
- Black (18%)




- Cyan (29%)
- Magenta (64%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 70.254, 320.080 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, 70.254, 320.080 by changing the saturation by 10% instead.


 54, 70.254,
320.080


 54, 70.254,
320.080


 100, 70.254,
320.080


 44, 70.254,
320.080


 74, 70.254,
320.080

 34, 70.254,
320.080

 84, 70.254,
320.080

 24, 70.254,
320.080

 94, 70.254,
320.080

 14, 70.254,
320.080

 4, 70.254, 320.080

 0, 70.254, 320.080

54, 70.254,
320.080

54, 70.254,
320.080

50, 80.974,
320.286

59, 58.347,
319.761

46, 89.906,
320.329

64, 45.772,
319.370

44, 96.468,
320.156

69, 32.910,
318.941

42, 100.329,
319.729

75, 20.027,
318.497

41, 101.475,
319.509

80, 7.294, 318.042

86, 5.185, 137.689

92, 17.352,
137.262

96, 27.308,
136.483

■ 97, 26.498,
133.289

Harmonies

Complementary

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



54, 70.254, 320.080



76, 68.468, 134.692

Rectangle

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



54, 70.254, 320.080



54, 70.254, 10.080



54, 70.254, 140.080



54, 70.254, 190.080

Sweetspot

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



54, 70.252, 320.080



89, 25.452, 318.559



52, 51.689, 288.358



46, 17.050, 318.650



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 70.252, 320.080



60, 96.733, 320.309



56, 60.618, 337.181



41, 7.183, 318.209



33, 86.685, 319.626



4, 29.002, 318.798

Inverse Universe

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



54, 48.994, 9.068



61, 68.716, 12.544



75, 60.697, 147.555



41, 4.667, 1.611



35, 66.457, 26.463



4, 20.289, 8.721

Previews

White Background



This preview shows how the CIELCh color 54, 70.254, 320.080 looks on a white background.

Color Contrast Check

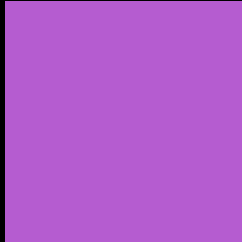
Large Text (above 18pt) WCAG AA ✓ Pass

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, 70.254, 320.080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

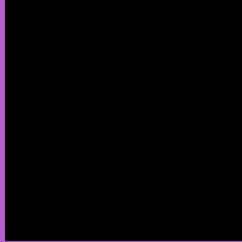
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 70.254, 320.080

Background



This preview shows how black text looks on a background with the CIELCh color 54, 70.254, 320.080.

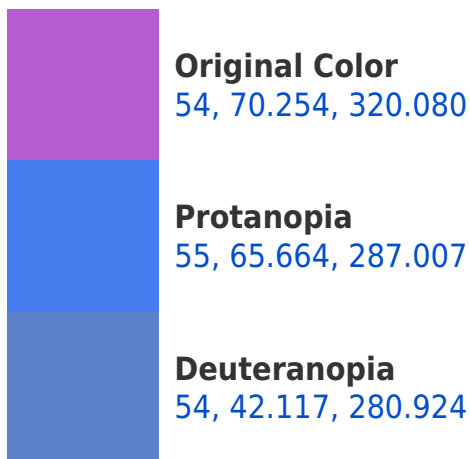


This preview shows how white text looks on a background with the CIELCh color 54, 70.254, 320.080.

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, 23.335, 9.652

Trichromacy



Original Color
54, 70.254, 320.080



Protanomaly
53, 65.653, 296.679



Deuteranomaly
53, 51.042, 299.044



Tritanomaly
54, 37.000, 336.413

Monochromacy



Original Color
54, 70.254, 320.080



Achromatopsia
55, 0.007, 296.813



Achromatomaly
54, 27.704, 318.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 70.254, 320.080 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(181, 92, 208)` looks like.

```
.text, #text, p{  
    color:rgb(181, 92, 208)  
}
```

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(181, 92, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 92, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 70.254, 320.080 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(181, 92, 208) }
```

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

```
.border{ border-color:rgb(181, 92, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 92, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 92, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 92, 208);  
box-shadow:4px 4px 4px 4px rgb(181, 92,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 70.254, 320.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 92, 208) }
```

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

```
.background{ background-color: rgb(181, 92,  
208) }
```

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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