

Converting Colors

CIELCh(54, 54.950, 327.905)

Have a look what the booklet for
CIELCh(54, 54.950, 327.905)
contains.

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Color

CIELCh(54, 54.944, 327.907)

Conversions

Conversions Part 1

Format	Color
Hex	B761B4
RGB	183, 97, 180
RGB Percent	72%, 38%, 71%
CMY	0.2816, 0.6189, 0.2934
CMYK	0.00, 0.47, 0.02, 0.28
HSL	302°, 37%, 55%
HSV	302°, 47%, 72%
XYZ	32.1206, 21.9746, 45.8259
YIQ	132.1760, 24.6130, 44.0450

Conversions

Conversions Part 2

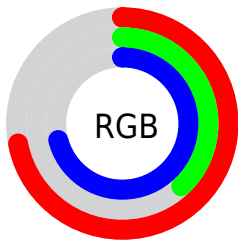
Format	Color
R_{YB}	183, 97, 180
Decimal	12018100
CIE _{Lab}	54.00, 46.55, -29.19
CIE _{LCh}	54, 54.944, 327.907
Yxy	21.9746, 0.3215, 0.2199
Android (android.graphics.Color)	4290208180 (0xFFB761B4)
YUV	132.1760, 23.5772, 44.5726
Hunter-Lab	46.8770, 40.2752, -25.1466

Details

The CIELCh color $54, 54.944, 327.907$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $68, 55.187, 141.630$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 55.169, 328.073$, and $34, 54.949, 327.897$ is the 20% darker color. If you saturate the color by 10%, you get $51, 65.026, 328.372$, and if you desaturate by 10%, it is $58, 43.852, 327.400$.

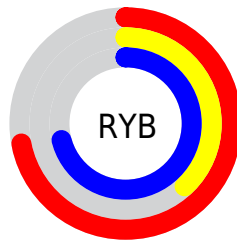
Distribution



Red (72%)

Green (38%)

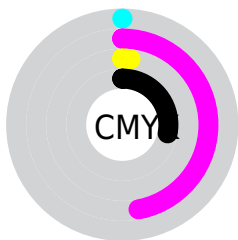
Blue (71%)



Red (72%)

Yellow (38%)

Blue (71%)

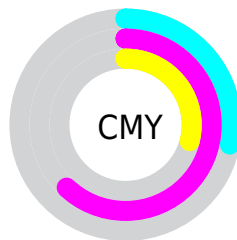


Cyan (0%)

Magenta (47%)

Yellow (2%)

Black (28%)



Cyan (28%)


Magenta (62%)


Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 54.944, 327.907 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, 54.944, 327.907 by changing the saturation by 10% instead.


 54, 54.944,
327.907


 54, 54.944,
327.907


 100, 54.944,
327.907

 44, 54.944,
327.907


 74, 54.944,
327.907

 34, 54.944,
327.907

 84, 54.944,
327.907

 24, 54.944,
327.907

 94, 54.944,
327.907

 14, 54.944,
327.907

 4, 54.944, 327.907

 0, 54.944, 327.907

54, 54.944,
327.907

54, 54.944,
327.907

51, 65.026,
328.372

58, 43.852,
327.400

48, 73.641,
328.780

62, 32.170,
326.863

46, 80.349,
329.123

66, 20.223,
326.309

44, 84.852,
329.398

71, 8.254, 325.739

76, 3.576, 145.293

43, 87.183,
329.611

81, 15.160,
144.707

43, 87.714,
329.670

86, 26.438,
144.187

91, 37.381,
143.695

■ 94, 43.839,
143.498

Harmonies

Complementary

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



54, 54.944, 327.907



68, 55.187, 141.630

Rectangle

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



54, 54.944, 327.907



54, 54.944, 17.907



54, 54.944, 147.907



54, 54.944, 197.907

Sweetspot

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



54, 54.942, 327.907



86, 20.581, 326.157



45, 51.169, 297.660



45, 14.335, 326.278



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, 54.942, 327.907



65, 78.873, 328.370



52, 40.060, 350.572



36, 6.748, 325.878



36, 77.760, 329.652



3, 18.169, 326.080

Inverse Universe

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



54, 54.942, 327.907



65, 78.873, 328.370



68, 37.600, 160.622



36, 6.748, 325.878



36, 77.760, 329.652



3, 18.169, 326.080

Previews

White Background



This preview shows how the CIELCh color 54, 54.944, 327.907 looks on a white background.

Color Contrast Check

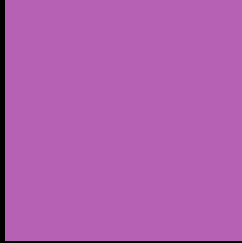
Large Text (above 18pt) WCAG AA ✓ Pass

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, 54.944, 327.907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

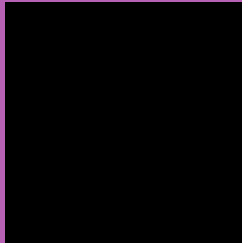
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 54.944, 327.907

Background



This preview shows how black text looks on a background with the CIELCh color 54, 54.944, 327.907.

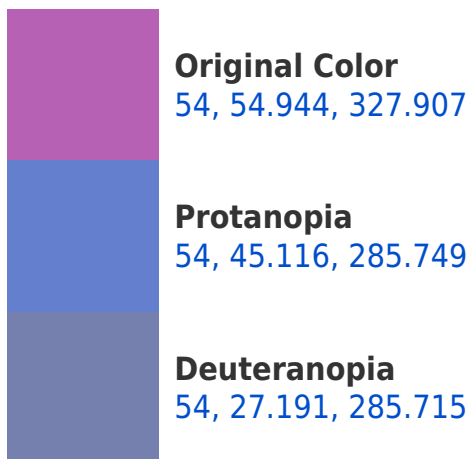


This preview shows how white text looks on a background with the CIELCh color 54, 54.944, 327.907.

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, 27.595, 12.274

Trichromacy



Original Color
54, 54.944, 327.907



Protanomaly
53, 46.559, 300.861



Deuteranomaly
54, 35.778, 307.428



Tritanomaly
54, 34.778, 348.082

Monochromacy



Original Color
54, 54.944, 327.907



Achromatopsia
55, 0.007, 296.813



Achromatomaly
54, 21.668, 326.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 54.944, 327.907 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, 97, 180)` looks like.

```
.text, #text, p{  
    color:rgb(183, 97, 180)  
}
```

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, 97, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 97, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 54.944, 327.907 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, 97, 180) }
```

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

```
.border{ border-color:rgb(183, 97, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 97, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 97, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 97, 180);  
box-shadow:4px 4px 4px 4px rgb(183, 97,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 54.944, 327.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 97, 180) }
```

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

```
.background{ background-color: rgb(183, 97,  
180) }
```

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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