

Converting Colors

CIELCh(58, 53.320, 324.670)

Have a look what the booklet for
CIELCh(58, 53.320, 324.670)
contains.

CIELCh(58, 53.228, 324.549)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 53.228, 324.549)

Conversions

Conversions Part 1

Format	Color
Hex	BC6FC2
RGB	188, 111, 194
RGB Percent	74%, 44%, 76%
CMY	0.2627, 0.5646, 0.2392
CMYK	0.03, 0.43, 0.00, 0.24
HSL	296°, 40%, 60%
HSV	296°, 43%, 76%
XYZ	36.1681, 25.9610, 54.1526
YIQ	143.4850, 19.2490, 42.1370

Conversions

Conversions Part 2

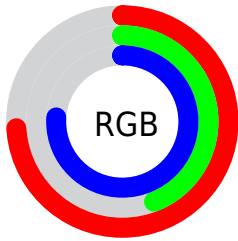
Format	Color
R _Y B	188, 111, 194
Decimal	12349378
CIE Lab	58.00, 43.36, -30.87
CIE LCh	58, 53.228, 324.549
Yxy	25.9610, 0.3110, 0.2233
Android (android.graphics.Color)	4290539458 (0xFFBC6FC2)
YUV	143.4850, 24.9039, 39.0397
Hunter-Lab	50.9519, 37.5419, -27.3481

Details

The CIELCh color **58, 53.228, 324.549** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **72, 53.037, 139.561**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 53.086, 324.610**, and **38, 53.093, 324.577** is the 20% darker color. If you saturate the color by 10%, you get **54, 64.575, 324.945**, and if you desaturate by 10%, it is **62, 41.104, 324.098**.

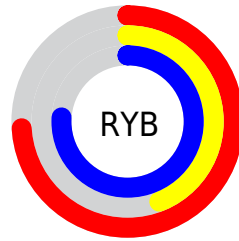
Distribution



Red (74%)

Green (44%)

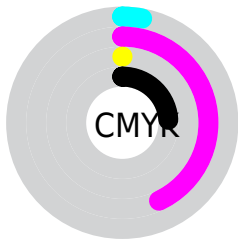
Blue (76%)



Red (74%)

Yellow (44%)

Blue (76%)

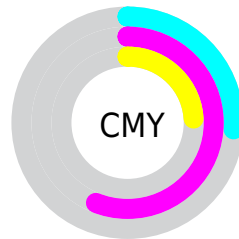


Cyan (3%)

Magenta (43%)

Yellow (0%)

Black (24%)



Cyan (26%)


Magenta (56%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 53.228, 324.549 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 58, 53.228, 324.549 by changing the saturation by 10% instead.


 58, 53.228,
324.549

 58, 53.228,
324.549


 100, 53.228,
324.549

 48, 53.228,
324.549


 78, 53.228,
324.549

 38, 53.228,
324.549

 88, 53.228,
324.549

 28, 53.228,
324.549

 98, 53.228,
324.549

 18, 53.228,
324.549

 8, 53.228, 324.549

 0, 53.228, 324.549

58, 53.228,
324.549

58, 53.228,
324.549

54, 64.575,
324.945

62, 41.104,
324.098

51, 74.680,
325.261

67, 28.593,
323.613

48, 83.032,
325.473

72, 15.978,
323.109

46, 89.189,
325.559

77, 3.454, 322.558

82, 8.851, 142.164

44, 92.929,
325.506

87, 20.861,
141.677

44, 94.489,
325.402

93, 32.534,
141.224

95, 37.185,
140.698

■ 95, 36.910,
140.096

Harmonies

Complementary

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



58, 53.228, 324.549



72, 53.037, 139.561

Rectangle

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



58, 53.228, 324.549



58, 53.228, 14.549



58, 53.228, 144.549



58, 53.228, 194.549

Sweetspot

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



58, 53.226, 324.549



91, 20.133, 323.131



52, 44.117, 292.759



48, 14.220, 323.246



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 53.226, 324.549



70, 77.432, 324.910



57, 40.993, 343.252



38, 7.067, 322.933



36, 82.151, 325.441



4, 23.324, 323.194

Inverse Universe

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



56, 35.246, 18.367



67, 53.107, 20.220



72, 39.811, 155.343



38, 4.200, 14.075



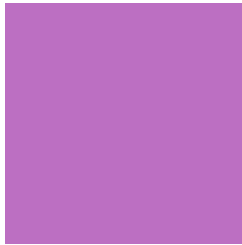
33, 70.931, 36.718



3, 14.046, 15.460

Previews

White Background



This preview shows how the CIELCh color 58, 53.228, 324.549 looks on a white background.

Color Contrast Check

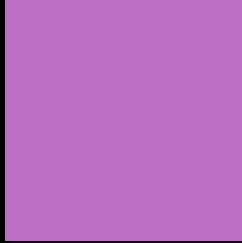
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 53.228, 324.549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

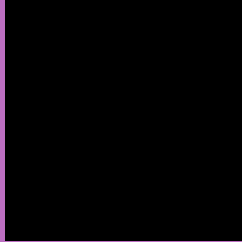
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 53.228, 324.549

Background



This preview shows how black text looks on a background with the CIELCh color 58, 53.228, 324.549.

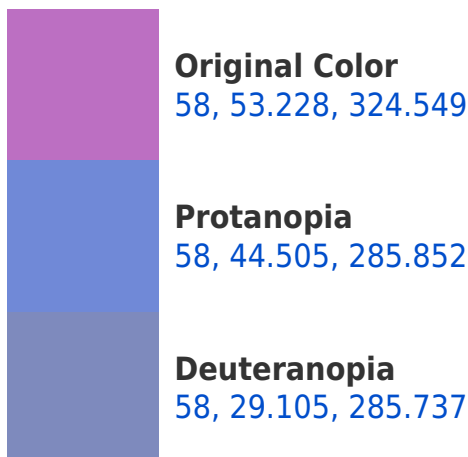


This preview shows how white text looks on a background with the CIELCh color 58, 53.228, 324.549.

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](#).

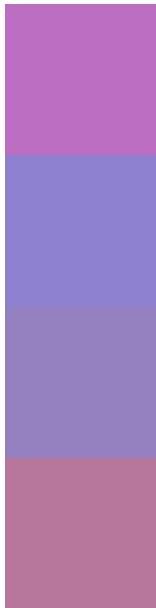
Dichromacy





Tritanopia
58, 23.467, 8.326

Trichromacy



Original Color
58, 53.228, 324.549

Protanomaly
58, 45.257, 299.839

Deuteranomaly
58, 36.735, 305.172

Tritanomaly
58, 32.011, 342.672

Monochromacy



Original Color
58, 53.228, 324.549

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 20.076, 323.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 53.228, 324.549 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(188, 111, 194)` looks like.

```
.text, #text, p{  
    color:rgb(188, 111, 194)  
}
```

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(188, 111, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 111, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 53.228, 324.549 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(188, 111, 194) }
```

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

```
.border{ border-color:rgb(188, 111, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 111, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 111, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 111, 194);  
box-shadow:4px 4px 4px 4px rgb(188, 111,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 53.228, 324.549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 111, 194) }
```

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

```
.background{ background-color: rgb(188,  
111, 194) }
```

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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