

Converting Colors

CIELCh(53, 67.281, 325.536)

Have a look what the booklet for
CIELCh(53, 67.281, 325.536)
contains.

CIELCh(53, 67.281, 325.536)	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(53, 67.281, 325.536)

Conversions

Conversions Part 1

Format	Color
Hex	BB56C1
RGB	187, 86, 193
RGB Percent	73%, 34%, 76%
CMY	0.2670, 0.6630, 0.2434
CMYK	0.03, 0.55, 0.00, 0.24
HSL	297°, 46%, 55%
HSV	297°, 55%, 76%
XYZ	33.4142, 21.0462, 52.7100
YIQ	128.3970, 25.8490, 54.6890

Conversions

Conversions Part 2

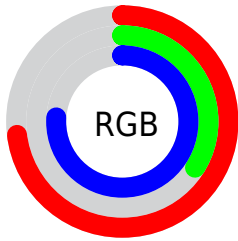
Format	Color
R_{YB}	187, 86, 193
Decimal	12277441
CIE _{Lab}	53.00, 55.47, -38.07
CIE _{LCh}	53, 67.281, 325.536
Yxy	21.0462, 0.3118, 0.1964
Android (android.graphics.Color)	4290467521 (0xFFBB56C1)
YUV	128.3970, 31.8493, 51.3948
Hunter-Lab	45.8761, 49.7285, -36.0088

Details

The CIELCh color **53, 67.281, 325.536** 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 **70, 67.398, 138.724**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 67.458, 325.434**, and **33, 67.240, 325.512** is the 20% darker color. If you saturate the color by 10%, you get **50, 76.875, 325.842**, and if you desaturate by 10%, it is **57, 56.283, 325.148**.

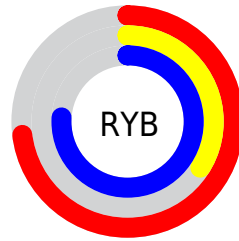
Distribution



Red (73%)

Green (34%)

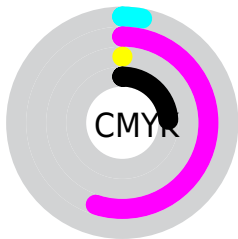
Blue (76%)



Red (73%)

Yellow (34%)

Blue (76%)

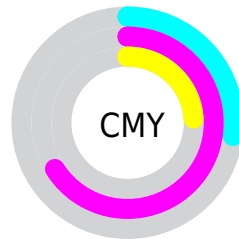


Cyan (3%)

Magenta (55%)

Yellow (0%)

Black (24%)



Cyan (27%)


Magenta (66%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 67.281, 325.536 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 53, 67.281, 325.536 by changing the saturation by 10% instead.


 53, 67.281,
325.536


 53, 67.281,
325.536


 100, 67.281,
325.536


 43, 67.281,
325.536


 73, 67.281,
325.536

 33, 67.281,
325.536

 83, 67.281,
325.536

 23, 67.281,
325.536

 93, 67.281,
325.536

 13, 67.281,
325.536

 3, 67.281, 325.536

 0, 67.281, 325.536

53, 67.281,
325.536

53, 67.281,
325.536

50, 76.875,
325.842

57, 56.283,
325.148

47, 84.577,
326.043

61, 44.372,
324.700

45, 90.004,
326.122

66, 31.959,
324.214

44, 93.043,
326.074

70, 19.359,
323.705

44, 93.978,
326.029

75, 6.795, 323.174

80, 5.584, 142.750

86, 17.686,
142.234

91, 29.461,
141.763

■ 95, 38.160,
141.317

Harmonies

Complementary

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



53, 67.281, 325.536



70, 67.398, 138.724

Rectangle

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



53, 67.281, 325.536



53, 67.281, 15.536



53, 67.281, 145.536



53, 67.281, 195.536

Sweetspot

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



53, 67.279, 325.536



88, 26.288, 323.799



44, 59.536, 296.126



45, 17.592, 323.902



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



53, 67.279, 325.536



63, 96.054, 325.905



52, 51.271, 345.772



38, 7.101, 323.388



36, 82.052, 326.058



4, 23.522, 323.923

Inverse Universe

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



50, 46.948, 22.274



59, 71.121, 25.903



71, 49.624, 154.392



38, 4.193, 15.380



33, 71.546, 37.418



3, 14.030, 16.341

Previews

White Background



This preview shows how the CIELCh color 53, 67.281, 325.536 looks on a white background.

Color Contrast Check

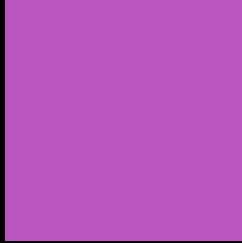
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 67.281, 325.536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

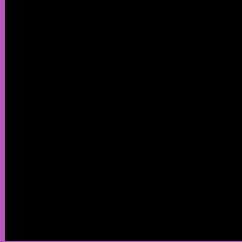
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 67.281, 325.536

Background



This preview shows how black text looks on a background with the CIELCh color 53, 67.281, 325.536.

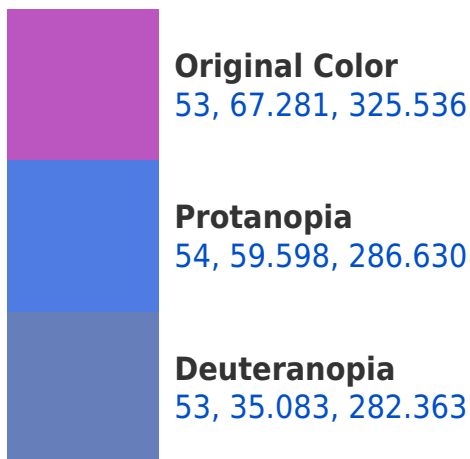


This preview shows how white text looks on a background with the CIELCh color 53, 67.281, 325.536.

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
53, 30.334, 14.781

Trichromacy



Original Color
53, 67.281, 325.536



Protanomaly
52, 60.906, 299.217



Deuteranomaly
52, 45.971, 304.213



Tritanomaly
53, 39.809, 346.122

Monochromacy



Original Color
53, 67.281, 325.536



Achromatopsia
54, 0.007, 296.813



Achromatomaly
52, 26.372, 323.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 67.281, 325.536 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(187, 86, 193)` looks like.

```
.text, #text, p{  
    color:rgb(187, 86, 193)  
}
```

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(187, 86, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 86, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 67.281, 325.536 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(187, 86, 193) }
```

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

```
.border{ border-color:rgb(187, 86, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 86, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 86, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 86, 193);  
box-shadow:4px 4px 4px 4px rgb(187, 86,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 67.281, 325.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 86, 193) }
```

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

```
.background{ background-color: rgb(187, 86,  
193) }
```

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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