

Converting Colors

CIELCh(53, 67.418, 325.202)

Have a look what the booklet for
CIELCh(53, 67.418, 325.202)
contains.

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Color

CIELCh(53, 67.625, 324.990)

Conversions

Conversions Part 1

Format	Color
Hex	BA56C2
RGB	186, 86, 194
RGB Percent	73%, 34%, 76%
CMY	0.2699, 0.6621, 0.2385
CMYK	0.04, 0.56, 0.00, 0.24
HSL	296°, 47%, 55%
HSV	296°, 56%, 76%
XYZ	33.3904, 21.0462, 53.4426
YIQ	128.2120, 24.9320, 54.7880

Conversions

Conversions Part 2

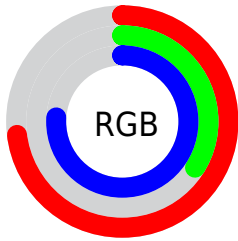
Format	Color
R_{YB}	186, 86, 194
Decimal	12211906
CIE _{Lab}	53.00, 55.39, -38.80
CIE _{LCh}	53, 67.625, 324.990
Yxy	21.0462, 0.3095, 0.1951
Android (android.graphics.Color)	4290401986 (0xFFBA56C2)
YUV	128.2120, 32.4335, 50.6801
Hunter-Lab	45.8761, 49.6361, -36.9557

Details

The CIELCh color **53, 67.625, 324.990** 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 **71, 67.597, 138.348**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 67.756, 324.916**, and **33, 67.673, 324.938** is the 20% darker color. If you saturate the color by 10%, you get **50, 77.292, 325.278**, and if you desaturate by 10%, it is **57, 56.567, 324.615**.

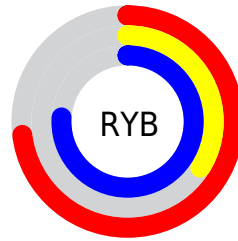
Distribution



Red (73%)

Green (34%)

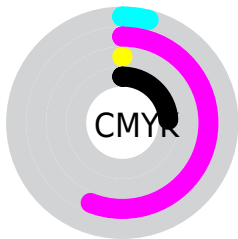
Blue (76%)



Red (73%)

Yellow (34%)

Blue (76%)

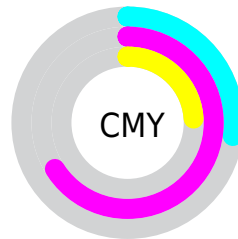


Cyan (4%)

Magenta (56%)

Yellow (0%)

Black (24%)



Cyan (27%)


Magenta (66%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 67.625, 324.990 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, 67.625, 324.990 by changing the saturation by 10% instead.


 53, 67.625,
324.990


 53, 67.625,
324.990


 100, 67.625,
324.990


 43, 67.625,
324.990


 73, 67.625,
324.990

 33, 67.625,
324.990

 83, 67.625,
324.990

 23, 67.625,
324.990

 93, 67.625,
324.990

 13, 67.625,
324.990

 3, 67.625, 324.990

 0, 67.625, 324.990

53, 67.625,
324.990

53, 67.625,
324.990

50, 77.292,
325.278

57, 56.567,
324.615

47, 85.071,
325.454

61, 44.615,
324.179

45, 90.560,
325.498

66, 32.177,
323.703

44, 93.635,
325.401

71, 19.564,
323.204

44, 94.560,
325.335

76, 6.996, 322.684

81, 5.382, 142.270

86, 17.482,
141.764

91, 29.254,
141.304

■ 95, 37.141,
140.815

Harmonies

Complementary

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



53, 67.625, 324.990



71, 67.597, 138.348

Rectangle

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



53, 67.625, 324.990



53, 67.625, 14.990



53, 67.625, 144.990



53, 67.625, 194.990

Sweetspot

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



53, 67.623, 324.990



89, 26.368, 323.287



44, 58.886, 295.504



46, 17.795, 323.390



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 67.623, 324.990



63, 96.707, 325.332



52, 52.157, 344.837



38, 7.063, 322.884



36, 82.162, 325.374



4, 23.303, 323.115

Inverse Universe

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



51, 47.102, 21.006



60, 71.156, 24.639



71, 50.726, 153.607



38, 4.201, 13.934



33, 70.863, 36.638



3, 14.048, 15.365

Previews

White Background



This preview shows how the CIELCh color 53, 67.625, 324.990 looks on a white background.

Color Contrast Check

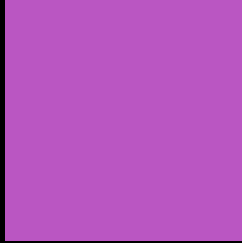
Large Text (above 18pt) WCAG AA ✓ Pass

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, 67.625, 324.990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

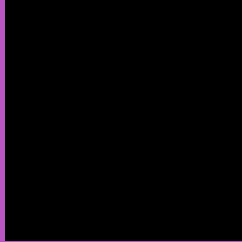
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 67.625, 324.990

Background



This preview shows how black text looks on a background with the CIELCh color 53, 67.625, 324.990.

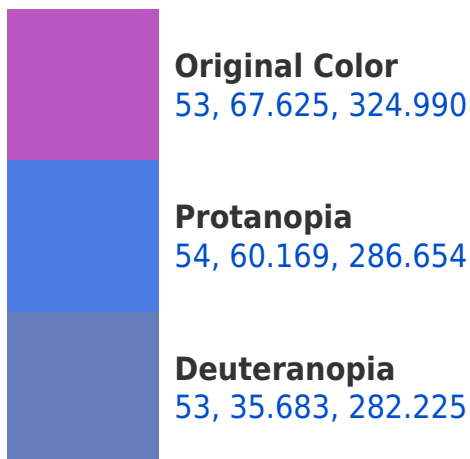


This preview shows how white text looks on a background with the CIELCh color 53, 67.625, 324.990.

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, 29.444, 14.373

Trichromacy



Original Color
53, 67.625, 324.990



Protanomaly
52, 61.463, 298.993



Deuteranomaly
52, 45.842, 303.393



Tritanomaly
53, 39.813, 345.005

Monochromacy



Original Color
53, 67.625, 324.990



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, 67.625, 324.990 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(186, 86, 194)` looks like.

```
.text, #text, p{  
    color:rgb(186, 86, 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(186, 86, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 86, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 67.625, 324.990 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(186, 86, 194) }
```

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

```
.border{ border-color:rgb(186, 86, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 86, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 86, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 86, 194);  
box-shadow:4px 4px 4px 4px rgb(186, 86,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 67.625, 324.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 86, 194) }
```

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

```
.background{ background-color: rgb(186, 86,  
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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