

Converting Colors

CIELCh(58, 42.791, 334.444)

Have a look what the booklet for
CIELCh(58, 42.791, 334.444)
contains.

CIELCh(58, 42.505, 334.577)	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, 42.505, 334.577)

Conversions

Conversions Part 1

Format	Color
Hex	BE72AC
RGB	190, 114, 172
RGB Percent	75%, 45%, 67%
CMY	0.2549, 0.5529, 0.3255
CMYK	0.00, 0.40, 0.09, 0.25
HSL	314°, 37%, 60%
HSV	314°, 40%, 75%
XYZ	34.6997, 25.9610, 42.2126
YIQ	143.3360, 26.6780, 34.1500

Conversions

Conversions Part 2

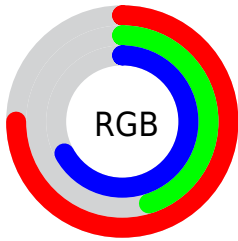
Format	Color
R _{YB}	190, 114, 172
Decimal	12481196
CIE Lab	58.00, 38.39, -18.25
CIE LCh	58, 42.505, 334.577
Yxy	25.9610, 0.3373, 0.2524
Android (android.graphics.Color)	4290671276 (0xFFBE72AC)
YUV	143.3360, 14.1314, 40.9243
Hunter-Lab	50.9519, 32.3978, -13.4542

Details

The CIELCh color **58, 42.505, 334.577** is a light color, and the websafe version is hex **996699**. A complement of this color would be **71, 42.277, 148.513**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 42.661, 334.976**, and **38, 42.831, 334.310** is the 20% darker color. If you saturate the color by 10%, you get **54, 52.292, 335.350**, and if you desaturate by 10%, it is **62, 32.087, 333.843**.

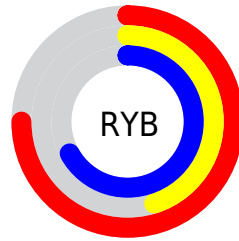
Distribution



Red (75%)

Green (45%)

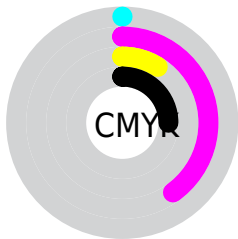
Blue (67%)



Red (75%)

Yellow (45%)

Blue (67%)

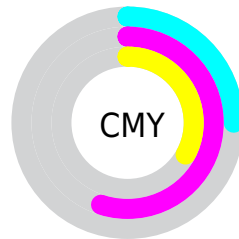


Cyan (0%)

Magenta (40%)

Yellow (9%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 42.505, 334.577 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, 42.505, 334.577 by changing the saturation by 10% instead.


 58, 42.505,
334.577

 58, 42.505,
334.577


 100, 42.505,
334.577

 48, 42.505,
334.577


 78, 42.505,
334.577

 38, 42.505,
334.577

 88, 42.505,
334.577

 28, 42.505,
334.577

 98, 42.505,
334.577

 18, 42.505,
334.577

 8, 42.505, 334.577

 0, 42.505, 334.577

58, 42.505,
334.577

58, 42.505,
334.577

54, 52.292,
335.350

62, 32.087,
333.843

50, 61.022,
336.172

67, 21.383,
333.141

47, 68.202,
337.065

72, 10.636,
332.459

45, 73.376,
338.061

77, 0.007, 285.942

44, 76.258,
339.205

82, 10.408,
151.277

43, 77.194,
340.516

87, 20.547,
150.688

43, 77.195,
340.517

92, 30.387,
150.139

95, 33.414,
151.387

■ 95, 31.697,
154.130

Harmonies

Complementary

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



58, 42.505, 334.577



71, 42.277, 148.513

Rectangle

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



58, 42.505, 334.577



58, 42.505, 24.577



58, 42.505, 154.577



58, 42.505, 204.577

Sweetspot

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



58, 42.503, 334.577



90, 15.838, 332.608



53, 44.530, 302.565



47, 10.599, 332.698



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



58, 42.503, 334.577



70, 62.353, 335.253



57, 32.575, 3.187



37, 5.992, 332.415



35, 67.533, 340.304



3, 17.017, 336.224

Inverse Universe

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



58, 42.503, 334.577



70, 62.353, 335.253



72, 28.462, 174.275



37, 5.992, 332.415



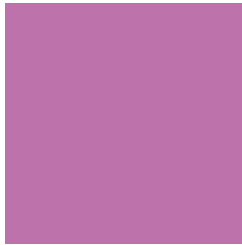
35, 67.533, 340.304



3, 17.017, 336.224

Previews

White Background



This preview shows how the CIELCh color 58, 42.505, 334.577 looks on a white background.

Color Contrast Check

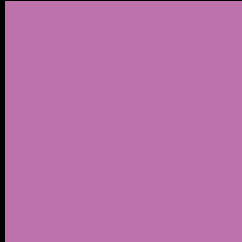
Large Text (above 18pt) WCAG AA ✓ Pass

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, 42.505, 334.577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

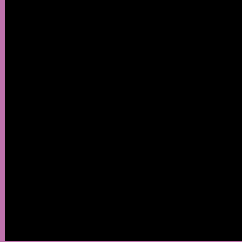
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 42.505, 334.577

Background



This preview shows how black text looks on a background with the CIELCh color 58, 42.505, 334.577.

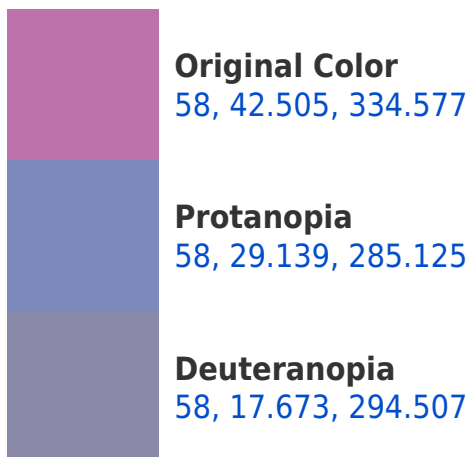


This preview shows how white text looks on a background with the CIELCh color 58, 42.505, 334.577.

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, 26.338, 11.501

Trichromacy



Original Color
58, 42.505, 334.577

Protanomaly
58, 31.693, 306.152

Deuteranomaly
58, 25.216, 317.513

Tritanomaly
58, 30.594, 353.518

Monochromacy



Original Color
58, 42.505, 334.577

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 16.511, 332.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 42.505, 334.577 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(190, 114, 172)` looks like.

```
.text, #text, p{  
    color:rgb(190, 114, 172)  
}
```

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(190, 114, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 114, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 42.505, 334.577 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(190, 114, 172) }
```

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

```
.border{ border-color:rgb(190, 114, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 114, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 114, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 114, 172);  
box-shadow:4px 4px 4px 4px rgb(190, 114,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 42.505, 334.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 114, 172) }
```

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

```
.background{ background-color: rgb(190,  
114, 172) }
```

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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