

Converting Colors

CIELCh(58, 43.805, 332.653)

Have a look what the booklet for
CIELCh(58, 43.805, 332.653)
contains.

CIELCh(58, 43.458, 332.599)	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, 43.458, 332.599)

Conversions

Conversions Part 1

Format	Color
Hex	BD72AF
RGB	189, 114, 175
RGB Percent	74%, 45%, 69%
CMY	0.2587, 0.5528, 0.3136
CMYK	0.00, 0.40, 0.07, 0.26
HSL	311°, 36%, 59%
HSV	311°, 40%, 74%
XYZ	34.7561, 25.9610, 43.7530
YIQ	143.3790, 25.1190, 34.8710

Conversions

Conversions Part 2

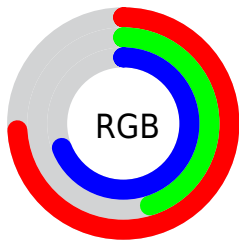
Format	Color
R_{YB}	189, 114, 175
Decimal	12415663
CIE _{Lab}	58.00, 38.58, -20.00
CIE _{LCh}	58, 43.458, 332.599
Yxy	25.9610, 0.3327, 0.2485
Android (android.graphics.Color)	4290605743 (0xFFBD72AF)
YUV	143.3790, 15.5892, 40.0096
Hunter-Lab	50.9519, 32.5952, -15.2466

Details

The CIELCh color **58, 43.458, 332.599** is a light color, and the websafe version is hex **996699**. A complement of this color would be **71, 43.362, 146.857**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 43.716, 332.243**, and **38, 43.462, 332.731** is the 20% darker color. If you saturate the color by 10%, you get **54, 53.545, 333.287**, and if you desaturate by 10%, it is **62, 32.726, 331.929**.

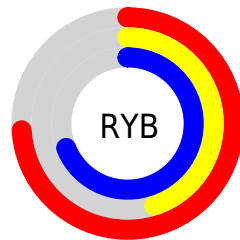
Distribution



Red (74%)

Green (45%)

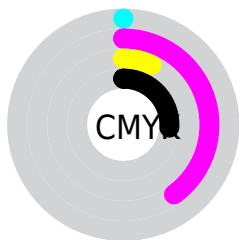
Blue (69%)



Red (74%)

Yellow (45%)

Blue (69%)

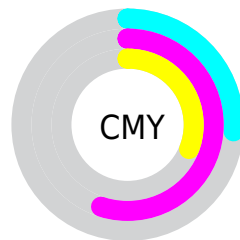


Cyan (0%)

Magenta (40%)

Yellow (7%)

Black (26%)



Cyan (26%)


Magenta (55%)


Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 43.458, 332.599 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, 43.458, 332.599 by changing the saturation by 10% instead.

 58, 43.458,
332.599

 58, 43.458,
332.599

 100, 43.458,
332.599


 48, 43.458,
332.599


 78, 43.458,
332.599

 38, 43.458,
332.599

 88, 43.458,
332.599

 28, 43.458,
332.599

 98, 43.458,
332.599

 18, 43.458,
332.599

 8, 43.458, 332.599

 0, 43.458, 332.599

58, 43.458,
332.599

58, 43.458,
332.599

54, 53.545,
333.287

62, 32.726,
331.929

51, 62.561,
333.995

67, 21.698,
331.274

48, 70.016,
334.733

72, 10.619,
330.630

45, 75.459,
335.520

77, 0.346, 150.894

44, 78.606,
336.384

82, 11.093,
149.494

43, 79.761,
337.342

87, 21.562,
148.925

43, 79.791,
337.374

92, 31.725,
148.392

95, 35.500,
149.142

■ 95, 34.110,
151.060

Harmonies

Complementary

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



58, 43.458, 332.599



71, 43.362, 146.857

Rectangle

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



58, 43.458, 332.599



58, 43.458, 22.599



58, 43.458, 152.599



58, 43.458, 202.599

Sweetspot

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



58, 43.456, 332.599



89, 16.274, 330.792



52, 43.857, 300.970



47, 10.798, 330.876



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



58, 43.456, 332.599



69, 63.951, 333.224



57, 32.644, 359.519



37, 6.210, 330.609



36, 70.040, 337.226



3, 17.857, 333.494

Inverse Universe

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



58, 43.456, 332.599



69, 63.951, 333.224



71, 29.227, 170.751



37, 6.210, 330.609



36, 70.040, 337.226



3, 17.857, 333.494

Previews

White Background



This preview shows how the CIELCh color 58, 43.458, 332.599 looks on a white background.

Color Contrast Check

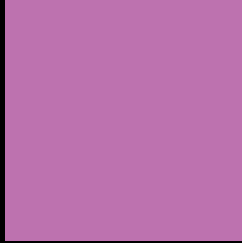
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.458, 332.599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

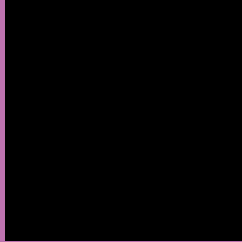
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 43.458, 332.599

Background



This preview shows how black text looks on a background with the CIELCh color 58, 43.458, 332.599.

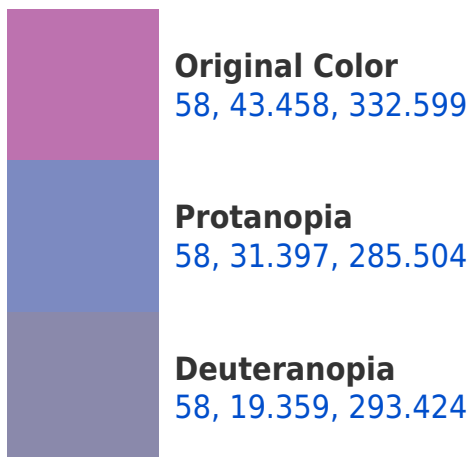


This preview shows how white text looks on a background with the CIELCh color 58, 43.458, 332.599.

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, 25.482, 11.003

Trichromacy



Original Color
58, 43.458, 332.599

Protanomaly
58, 33.275, 304.991

Deuteranomaly
58, 26.606, 315.220

Tritanomaly
58, 30.113, 351.643

Monochromacy



Original Color
58, 43.458, 332.599

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 16.931, 330.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 43.458, 332.599 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(189, 114, 175)` looks like.

```
.text, #text, p{  
    color:rgb(189, 114, 175)  
}
```

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(189, 114, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 114, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 43.458, 332.599 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(189, 114, 175) }
```

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

```
.border{ border-color:rgb(189, 114, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 114, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 114, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 114, 175);  
box-shadow:4px 4px 4px 4px rgb(189, 114,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 43.458, 332.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 114, 175) }
```

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

```
.background{ background-color: rgb(189,  
114, 175) }
```

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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