

Converting Colors

CIELCh(58, 48.797, 336.992)

Have a look what the booklet for
CIELCh(58, 48.797, 336.992)
contains.

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Color

CIELCh(58, 48.804, 336.644)

Conversions

Conversions Part 1

Format	Color
Hex	C76CAE
RGB	199, 108, 174
RGB Percent	78%, 42%, 68%
CMY	0.2192, 0.5761, 0.3173
CMYK	0.00, 0.46, 0.13, 0.22
HSL	316°, 45%, 60%
HSV	316°, 46%, 78%
XYZ	36.6025, 25.9610, 43.1756
YIQ	142.7330, 33.0500, 39.8180

Conversions

Conversions Part 2

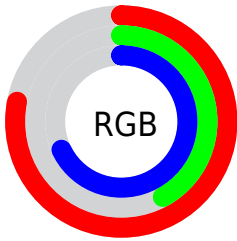
Format	Color
R_{YB}	199, 108, 174
Decimal	13069486
CIE _{Lab}	58.00, 44.80, -19.35
CIE _{LCh}	58, 48.804, 336.644
Yxy	25.9610, 0.3462, 0.2455
Android (android.graphics.Color)	4291259566 (0xFFC76CAE)
YUV	142.7330, 15.4146, 49.3462
Hunter-Lab	50.9519, 39.0638, -14.5748

Details

The CIELCh color $58, 48.804, 336.644$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $73, 48.465, 149.189$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 48.289, 335.675$, and $38, 48.646, 336.852$ is the 20% darker color. If you saturate the color by 10%, you get $54, 58.170, 337.531$, and if you desaturate by 10%, it is $62, 38.555, 335.824$.

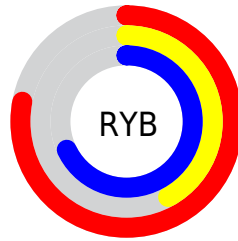
Distribution



Red (78%)

Green (42%)

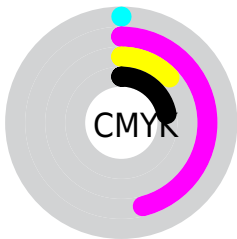
Blue (68%)



Red (78%)

Yellow (42%)

Blue (68%)

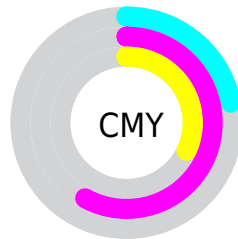


Cyan (0%)

Magenta (46%)

Yellow (13%)

Black (22%)



Cyan (22%)

Magenta (58%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 48.804, 336.644 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, 48.804, 336.644 by changing the saturation by 10% instead.

 58, 48.804,
336.644

 58, 48.804,
336.644

 100, 48.804,
336.644

 48, 48.804,
336.644

 78, 48.804,
336.644

 38, 48.804,
336.644

 88, 48.804,
336.644

 28, 48.804,
336.644

 98, 48.804,
336.644

 18, 48.804,
336.644

 8, 48.804, 336.644

 0, 48.804, 336.644

58, 48.804,
336.644

58, 48.804,
336.644

54, 58.170,
337.531

62, 38.555,
335.824

51, 66.167,
338.509

67, 27.838,
335.055

48, 72.285,
339.616

72, 16.957,
334.325

46, 76.127,
340.908

77, 6.119, 333.608

45, 77.589,
342.449


83, 4.540, 153.089

44, 77.818,
343.165

88, 14.943,
152.428

93, 25.049,
151.842

95, 27.494,
154.032

 96, 25.509,
158.370

Harmonies

Complementary

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



58, 48.804, 336.644



73, 48.465, 149.189

Rectangle

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



58, 48.804, 336.644



58, 48.804, 26.644



58, 48.804, 156.644



58, 48.804, 206.644

Sweetspot

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



58, 48.801, 336.644



91, 18.460, 334.218



52, 53.443, 304.182



47, 12.760, 334.374



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, 48.801, 336.644



68, 70.187, 337.540



57, 38.620, 6.741



39, 6.092, 333.876



36, 67.319, 342.887



4, 21.016, 339.061

Inverse Universe

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



58, 48.801, 336.644



68, 70.187, 337.540



74, 32.403, 176.114



39, 6.092, 333.876



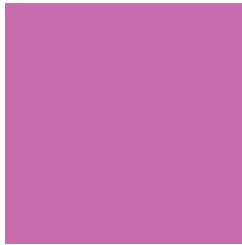
36, 67.319, 342.887



4, 21.016, 339.061

Previews

White Background



This preview shows how the CIELCh color 58, 48.804, 336.644 looks on a white background.

Color Contrast Check

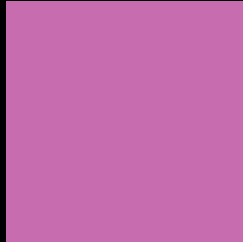
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 58, 48.804, 336.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

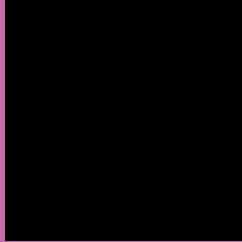
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 48.804, 336.644

Background



This preview shows how black text looks on a background with the CIELCh color 58, 48.804, 336.644.

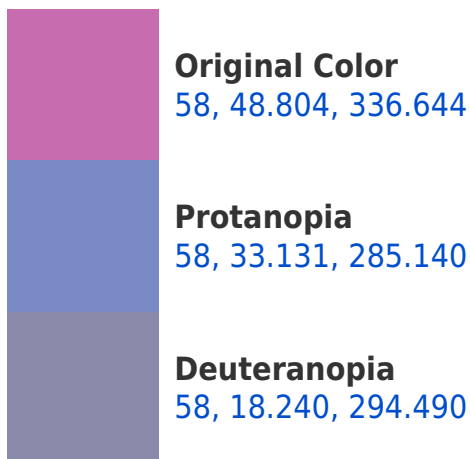


This preview shows how white text looks on a background with the CIELCh color 58, 48.804, 336.644.

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](#).

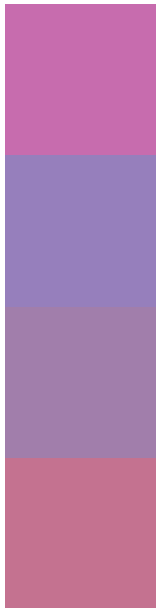
Dichromacy





Tritanopia
58, 31.865, 14.225

Trichromacy



Original Color
58, 48.804, 336.644

Protanomaly
57, 35.809, 306.581

Deuteranomaly
58, 28.704, 319.275

Tritanomaly
58, 36.126, 356.451

Monochromacy



Original Color
58, 48.804, 336.644

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 18.632, 334.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 48.804, 336.644 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(199, 108, 174)` looks like.

```
.text, #text, p{  
    color:rgb(199, 108, 174)  
}
```

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(199, 108, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 108, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 48.804, 336.644 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(199, 108, 174) }
```

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

```
.border{ border-color:rgb(199, 108, 174) }
```

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

Here you see how a box with a 4 pixel rgb(199, 108, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 108, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 108, 174);  
box-shadow:4px 4px 4px 4px rgb(199, 108,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 48.804, 336.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 108, 174) }
```

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

```
.background{ background-color: rgb(199,  
108, 174) }
```

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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