

Converting Colors

CIELCh(48, 58.616, 349.674)

Have a look what the booklet for
CIELCh(48, 58.616, 349.674)
contains.

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Color

CIELCh(48, 58.558, 349.601)

Conversions

Conversions Part 1

Format	Color
Hex	C14085
RGB	193, 64, 133
RGB Percent	76%, 25%, 52%
CMY	0.2417, 0.7476, 0.4772
CMYK	0.00, 0.67, 0.31, 0.24
HSL	328°, 51%, 51%
HSV	328°, 67%, 76%
XYZ	28.1937, 16.7945, 24.0606
YIQ	110.4370, 54.7350, 48.8070

Conversions

Conversions Part 2

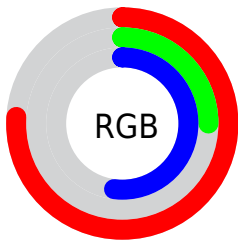
Format	Color
R_{YB}	193, 64, 133
Decimal	12664965
CIE _{Lab}	48.00, 57.60, -10.57
CIE _{LCh}	48, 58.558, 349.601
Yxy	16.7945, 0.4083, 0.2432
Android (android.graphics.Color)	4290855045 (0xFFC14085)
YUV	110.4370, 11.1236, 72.4078
Hunter-Lab	40.9810, 51.0859, -6.1234

Details

The CIELCh color **48, 58.558, 349.601** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **70, 56.568, 154.117**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 58.607, 349.740**, and **29, 55.116, 350.813** is the 20% darker color. If you saturate the color by 10%, you get **45, 64.012, 351.722**, and if you desaturate by 10%, it is **51, 51.455, 347.882**.

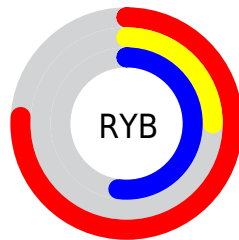
Distribution



Red (76%)

Green (25%)

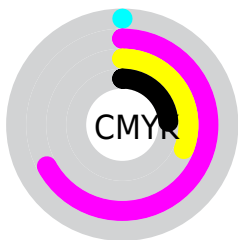
Blue (52%)



Red (76%)

Yellow (25%)

Blue (52%)

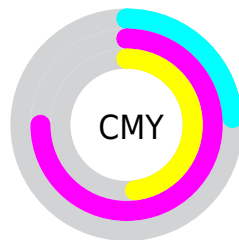


Cyan (0%)

Magenta (67%)

Yellow (31%)

Black (24%)



Cyan (24%)

Magenta (75%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 58.558, 349.601 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 48, 58.558, 349.601 by changing the saturation by 10% instead.


 48, 58.558,
349.601


 48, 58.558,
349.601


 100, 58.558,
349.601

 38, 58.558,
349.601

 68, 58.558,
349.601


 28, 58.558,
349.601

 78, 58.558,
349.601

 18, 58.558,
349.601

 88, 58.558,
349.601

 8, 58.558, 349.601

 98, 58.558,
349.601

 0, 58.558, 349.601

 48, 58.558,

 48, 58.558,

349.601

349.601

■ 45, 64.012,
351.722

■ 51, 51.455,
347.882

■ 43, 67.480,
354.384

■ 55, 43.182,
346.451

■ 42, 68.968,
357.720

■ 60, 34.193,
345.228

■ 42, 69.301,
358.895


■ 65, 24.860,
344.158

■ 70, 15.450,
343.201

■ 75, 6.142, 342.308

■ 80, 2.957, 161.720

■ 85, 11.788,
160.907

 91, 20.327,
160.232

Harmonies

Complementary

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



48, 58.558, 349.601



70, 56.568, 154.117

Rectangle

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



48, 58.558, 349.601



48, 58.558, 39.601



48, 58.558, 169.601



48, 58.558, 219.601

Sweetspot

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



48, 58.555, 349.602



86, 23.026, 343.536



41, 77.176, 310.949



45, 15.869, 343.810



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



48, 58.555, 349.602



58, 80.482, 352.863



46, 57.596, 25.901



38, 5.212, 342.545



34, 60.513, 358.308



3, 16.151, 350.252

Inverse Universe

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



48, 58.555, 349.602



58, 80.482, 352.863



72, 36.666, 191.075



38, 5.212, 342.545



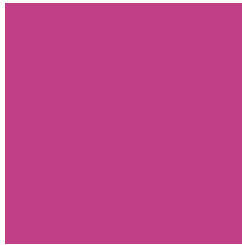
34, 60.513, 358.308



3, 16.151, 350.252

Previews

White Background



This preview shows how the CIELCh color 48, 58.558, 349.601 looks on a white background.

Color Contrast Check

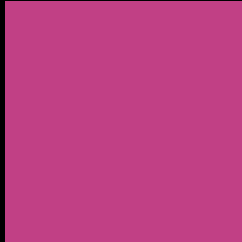
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 48, 58.558, 349.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

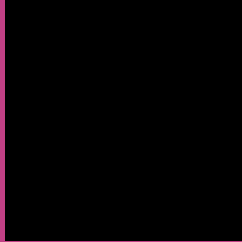
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 58.558, 349.601

Background



This preview shows how black text looks on a background with the CIELCh color 48, 58.558, 349.601.

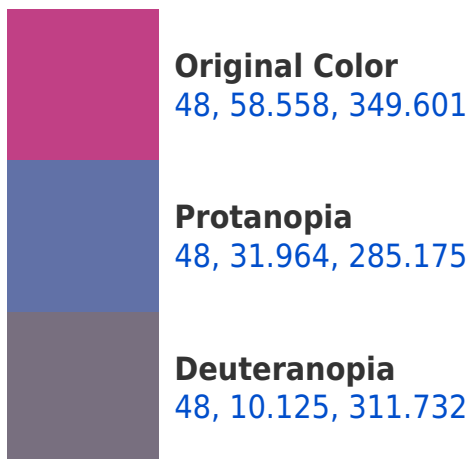


This preview shows how white text looks on a background with the CIELCh color 48, 58.558, 349.601.

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](#).

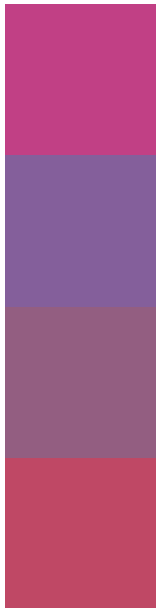
Dichromacy





Tritanopia
48, 49.845, 24.062

Trichromacy



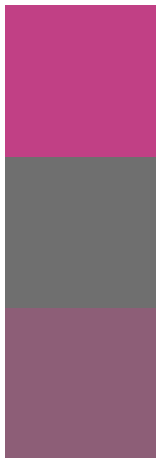
Original Color
48, 58.558, 349.601

Protanomaly
46, 37.935, 314.705

Deuteranomaly
47, 29.112, 338.660

Tritanomaly
48, 50.889, 9.879

Monochromacy



Original Color
48, 58.558, 349.601

Achromatopsia
47, 0.006, 296.813

Achromatomaly
46, 23.970, 344.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 58.558, 349.601 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(193, 64, 133)` looks like.

```
.text, #text, p{  
    color:rgb(193, 64, 133)  
}
```

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(193, 64, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 64, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 58.558, 349.601 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(193, 64, 133) }
```

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

```
.border{ border-color:rgb(193, 64, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 64, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 64, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 64, 133);  
box-shadow:4px 4px 4px 4px rgb(193, 64,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 58.558, 349.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 64, 133) }
```

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

```
.background{ background-color: rgb(193, 64,  
133) }
```

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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