

Converting Colors

CIELCh(48, 63.022, 346.678)

Have a look what the booklet for
CIELCh(48, 63.022, 346.678)
contains.

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Color

CIELCh(48, 62.915, 346.555)

Conversions

Conversions Part 1

Format	Color
Hex	C43B8C
RGB	196, 59, 140
RGB Percent	77%, 23%, 55%
CMY	0.2308, 0.7680, 0.4505
CMYK	0.00, 0.70, 0.29, 0.23
HSL	325°, 54%, 50%
HSV	325°, 70%, 77%
XYZ	29.1154, 16.7945, 26.5657
YIQ	109.1970, 55.6510, 54.2350

Conversions

Conversions Part 2

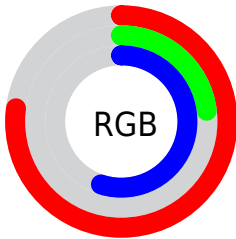
Format	Color
R_{YB}	196, 59, 140
Decimal	12860300
CIE _{Lab}	48.00, 61.19, -14.63
CIE _{LCh}	48, 62.915, 346.555
Yxy	16.7945, 0.4017, 0.2317
Android (android.graphics.Color)	4291050380 (0xFFC43B8C)
YUV	109.1970, 15.1859, 76.1262
Hunter-Lab	40.9810, 55.1002, -9.7477

Details

The CIELCh color **48, 62.915, 346.555** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **71, 62.427, 150.970**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 63.015, 346.090**, and **30, 57.084, 347.916** is the 20% darker color. If you saturate the color by 10%, you get **46, 67.801, 348.475**, and if you desaturate by 10%, it is **51, 56.133, 344.985**.

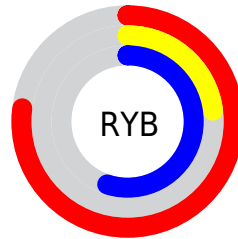
Distribution



Red (77%)

Green (23%)

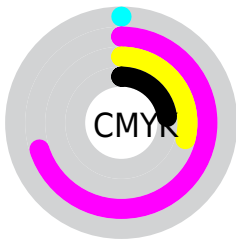
Blue (55%)



Red (77%)

Yellow (23%)

Blue (55%)

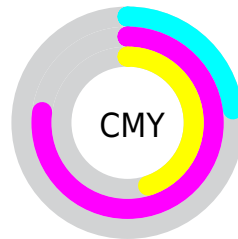


Cyan (0%)

Magenta (70%)

Yellow (29%)

Black (23%)



Cyan (23%)


Magenta (77%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 62.915, 346.555 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, 62.915, 346.555 by changing the saturation by 10% instead.


 48, 62.915,
346.555


 48, 62.915,
346.555


 100, 62.915,
346.555


 38, 62.915,
346.555


 68, 62.915,
346.555


 28, 62.915,
346.555

 78, 62.915,
346.555

 18, 62.915,
346.555

 88, 62.915,
346.555

 8, 62.915, 346.555

 98, 62.915,
346.555

 0, 62.915, 346.555

 48, 62.915,

 48, 62.915,

346.555

46, 67.801,
348.475

44, 70.513,
350.865

43, 71.390,
353.768

43, 71.401,
353.815

346.555

51, 56.133,
344.985

55, 47.933,
343.664

59, 38.801,
342.524

64, 29.157,
341.515

69, 19.319,
340.604

74, 9.506, 339.760

79, 0.145, 161.588

85, 9.551, 158.379

90, 18.673,

Harmonies

Complementary

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



48, 62.915, 346.555



71, 62.427, 150.970

Rectangle

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



48, 62.915, 346.555



48, 62.915, 36.555



48, 62.915, 166.555



48, 62.915, 216.555

Sweetspot

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



48, 62.912, 346.556



87, 25.325, 340.734



39, 81.645, 309.780



44, 17.163, 340.985



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, 62.912, 346.556



58, 84.752, 349.716



46, 59.818, 23.382



38, 5.420, 339.720



35, 61.737, 353.296



3, 16.761, 346.808

Inverse Universe

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



48, 62.912, 346.556



58, 84.752, 349.716



72, 39.397, 185.438



38, 5.420, 339.720



35, 61.737, 353.296



3, 16.761, 346.808

Previews

White Background



This preview shows how the CIELCh color 48, 62.915, 346.555 looks on a white background.

Color Contrast Check

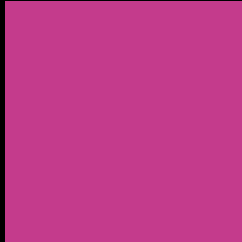
Large Text (above 18pt) WCAG AA ✓ Pass

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, 62.915, 346.555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

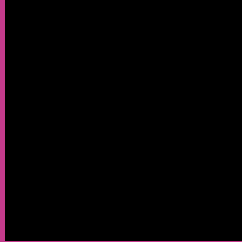
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 62.915, 346.555

Background



This preview shows how black text looks on a background with the CIELCh color 48, 62.915, 346.555.

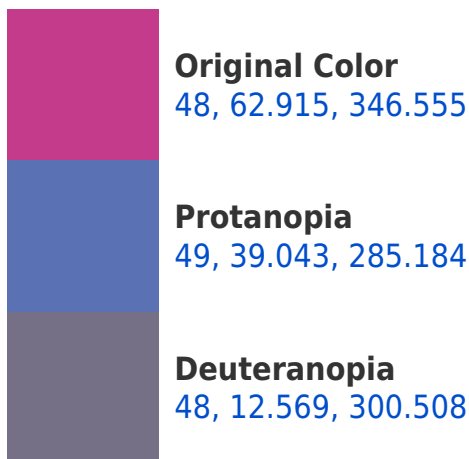


This preview shows how white text looks on a background with the CIELCh color 48, 62.915, 346.555.

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](#).

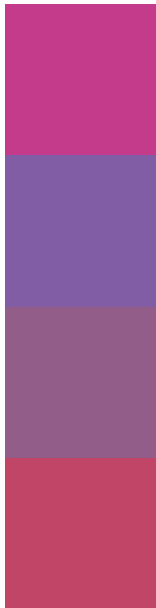
Dichromacy





Tritanopia
48, 51.678, 24.586

Trichromacy



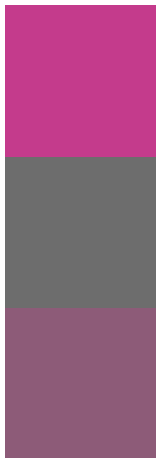
Original Color
48, 62.915, 346.555

Protanomaly
46, 44.432, 311.229

Deuteranomaly
47, 32.285, 332.396

Tritanomaly
48, 52.794, 8.707

Monochromacy



Original Color
48, 62.915, 346.555

Achromatopsia
46, 0.006, 296.813

Achromatomaly
45, 26.270, 342.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 62.915, 346.555 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(196, 59, 140)` looks like.

```
.text, #text, p{  
    color:rgb(196, 59, 140)  
}
```

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(196, 59, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 59, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 62.915, 346.555 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(196, 59, 140) }
```

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

```
.border{ border-color:rgb(196, 59, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 59, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 59, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 59, 140);  
box-shadow:4px 4px 4px 4px rgb(196, 59,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 62.915, 346.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 59, 140) }
```

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

```
.background{ background-color: rgb(196, 59,  
140) }
```

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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