

Converting Colors

CIELCh(48, 63.333, 335.206)

Have a look what the booklet for
CIELCh(48, 63.333, 335.206)
contains.

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Color

CIELCh(48, 63.510, 335.058)

Conversions

Conversions Part 1

Format	Color
Hex	B843A0
RGB	184, 67, 160
RGB Percent	72%, 26%, 63%
CMY	0.2777, 0.7365, 0.3719
CMYK	0.00, 0.64, 0.13, 0.28
HSL	312°, 47%, 49%
HSV	312°, 64%, 72%
XYZ	28.1914, 16.7945, 35.0945
YIQ	112.5850, 39.8790, 53.7270

Conversions

Conversions Part 2

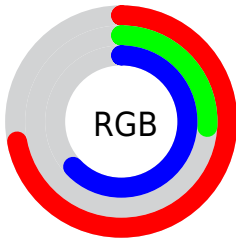
Format	Color
RYB	184, 67, 160
Decimal	12075936
CIELab	48.00, 57.59, -26.78
CIELCh	48, 63.510, 335.058
Yxy	16.7945, 0.3520, 0.2097
Android (android.graphics.Color)	4290266016 (0xFFB843A0)
YUV	112.5850, 23.3756, 62.6310
Hunter-Lab	40.9810, 51.0755, -22.0869

Details

The CIELCh color **48, 63.510, 335.058** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **67, 64.567, 144.452**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 63.754, 335.164**, and **29, 61.582, 335.346** is the 20% darker color. If you saturate the color by 10%, you get **45, 70.033, 335.870**, and if you desaturate by 10%, it is **51, 55.293, 334.297**.

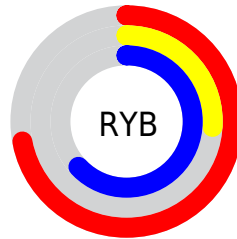
Distribution



Red (72%)

Green (26%)

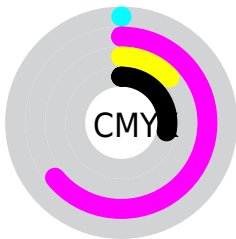
Blue (63%)



Red (72%)

Yellow (26%)

Blue (63%)

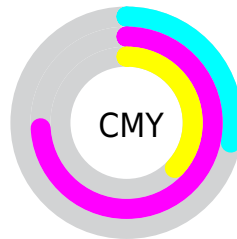


Cyan (0%)

Magenta (64%)

Yellow (13%)

Black (28%)



Cyan (28%)


Magenta (74%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 63.510, 335.058 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, 63.510, 335.058 by changing the saturation by 10% instead.


 48, 63.510,
335.058


 48, 63.510,
335.058


 100, 63.510,
335.058


 38, 63.510,
335.058

 68, 63.510,
335.058


 28, 63.510,
335.058

 78, 63.510,
335.058

 18, 63.510,
335.058


 88, 63.510,
335.058

 8, 63.510, 335.058

 98, 63.510,
335.058

 0, 63.510, 335.058

 48, 63.510,

 48, 63.510,

335.058

45, 70.033,
335.870

43, 74.470,
336.761

42, 76.637,
337.767

42, 77.210,
338.474

335.058

51, 55.293,
334.297

55, 45.867,
333.571

59, 35.677,
332.871

64, 25.088,
332.193

68, 14.373,
331.534

73, 3.719, 330.850

78, 6.753, 150.372

83, 16.973,
149.774

■ 88, 26.905,
149.224

Harmonies

Complementary

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



48, 63.510, 335.058



67, 64.567, 144.452

Rectangle

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



48, 63.510, 335.058



48, 63.510, 25.058



48, 63.510, 155.058



48, 63.510, 205.058

Sweetspot

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



48, 63.507, 335.058



83, 25.082, 331.914



37, 71.158, 304.378



43, 17.264, 332.102



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



48, 63.507, 335.058



58, 87.669, 336.193



46, 50.421, 5.805



36, 5.992, 331.259



35, 68.281, 338.312



3, 15.311, 334.184

Inverse Universe

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



48, 63.507, 335.058



58, 87.669, 336.193



68, 42.023, 168.674



36, 5.992, 331.259



35, 68.281, 338.312



3, 15.311, 334.184

Previews

White Background



This preview shows how the CIELCh color 48, 63.510, 335.058 looks on a white background.

Color Contrast Check

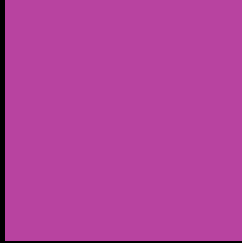
Large Text (above 18pt) WCAG AA ✓ Pass

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, 63.510, 335.058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

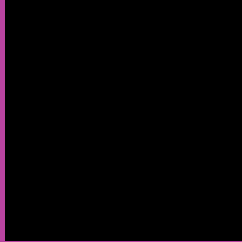
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 63.510, 335.058

Background



This preview shows how black text looks on a background with the CIELCh color 48, 63.510, 335.058.

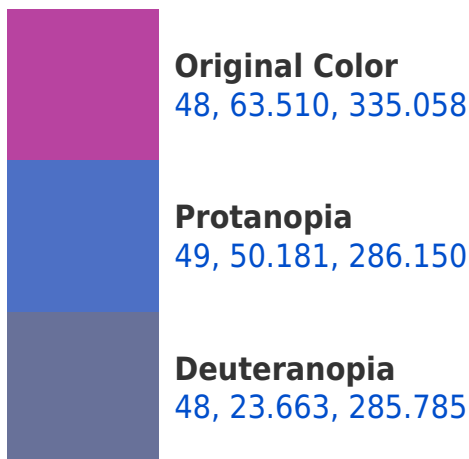


This preview shows how white text looks on a background with the CIELCh color 48, 63.510, 335.058.

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](#).

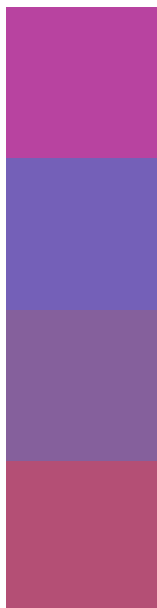
Dichromacy





Tritanopia
48, 40.123, 20.525

Trichromacy



Original Color
48, 63.510, 335.058

Protanomaly
46, 52.516, 303.214

Deuteranomaly
47, 37.886, 314.695

Tritanomaly
48, 44.967, 358.292

Monochromacy



Original Color
48, 63.510, 335.058

Achromatopsia
48, 0.006, 296.813

Achromatomaly
46, 26.132, 332.798

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 63.510, 335.058 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(184, 67, 160)` looks like.

```
.text, #text, p{  
    color:rgb(184, 67, 160)  
}
```

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(184, 67, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 67, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 63.510, 335.058 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(184, 67, 160) }
```

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

```
.border{ border-color:rgb(184, 67, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 67, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 67, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 67, 160);  
box-shadow:4px 4px 4px 4px rgb(184, 67,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 63.510, 335.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 67, 160) }
```

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

```
.background{ background-color: rgb(184, 67,  
160) }
```

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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