

Converting Colors

CIELCh(48, 61.186, 335.407)

Have a look what the booklet for
CIELCh(48, 61.186, 335.407)
contains.

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Color

CIELCh(48, 61.043, 335.290)

Conversions

Conversions Part 1

Format	Color
Hex	B6469E
RGB	182, 70, 158
RGB Percent	71%, 27%, 62%
CMY	0.2863, 0.7255, 0.3804
CMYK	0.00, 0.62, 0.13, 0.29
HSL	313°, 44%, 49%
HSV	313°, 62%, 71%
XYZ	27.6538, 16.7945, 34.1325
YIQ	113.5200, 38.5040, 51.1120

Conversions

Conversions Part 2

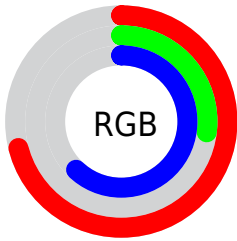
Format	Color
RYB	182, 70, 158
Decimal	11945630
CIELab	48.00, 55.45, -25.52
CIELCh	48, 61.043, 335.290
Yxy	16.7945, 0.3519, 0.2137
Android (android.graphics.Color)	4290135710 (0xFFB6469E)
YUV	113.5200, 21.9286, 60.0570
Hunter-Lab	40.9810, 48.7340, -20.6950

Details

The CIELCh color **48, 61.043, 335.290** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **66, 61.831, 145.038**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 60.845, 335.153**, and **28, 60.787, 335.466** is the 20% darker color. If you saturate the color by 10%, you get **45, 67.839, 336.118**, and if you desaturate by 10%, it is **51, 52.671, 334.517**.

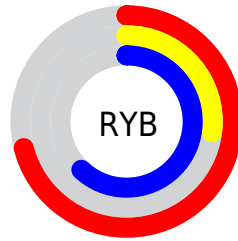
Distribution



Red (71%)

Green (27%)

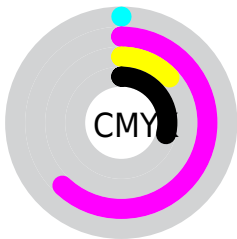
Blue (62%)



Red (71%)

Yellow (27%)

Blue (62%)

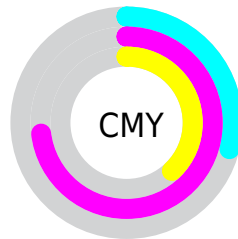


Cyan (0%)

Magenta (62%)

Yellow (13%)

Black (29%)



Cyan (29%)


Magenta (73%)

Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 61.043, 335.290 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, 61.043, 335.290 by changing the saturation by 10% instead.


 48, 61.043,
335.290


 48, 61.043,
335.290


 100, 61.043,
335.290


 38, 61.043,
335.290

 68, 61.043,
335.290


 28, 61.043,
335.290

 78, 61.043,
335.290

 18, 61.043,
335.290


 88, 61.043,
335.290

 8, 61.043, 335.290

 98, 61.043,
335.290

 0, 61.043, 335.290

 48, 61.043,

 48, 61.043,

335.290

45, 67.839,
336.118

43, 72.643,
337.027

42, 75.217,
338.057

41, 76.029,
339.026

335.290

51, 52.671,
334.517

55, 43.203,
333.781

59, 33.065,
333.075

64, 22.598,
332.393

68, 12.052,
331.730

73, 1.597, 330.946

78, 8.661, 150.565

83, 18.661,
149.977

■ 88, 28.373,
149.432

Harmonies

Complementary

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



48, 61.043, 335.290



66, 61.831, 145.038

Rectangle

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



48, 61.043, 335.290



48, 61.043, 25.290



48, 61.043, 155.290



48, 61.043, 205.290

Sweetspot

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



48, 61.040, 335.290



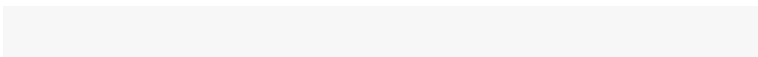
83, 23.399, 332.177



38, 68.149, 304.122



43, 16.406, 332.371



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, 61.040, 335.290



58, 85.203, 336.445



46, 48.534, 5.254



36, 5.953, 331.584



35, 67.832, 338.865



3, 15.181, 334.660

Inverse Universe

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



48, 61.040, 335.290



58, 85.203, 336.445



67, 40.631, 168.984



36, 5.953, 331.584



35, 67.832, 338.865



3, 15.181, 334.660

Previews

White Background



This preview shows how the CIELCh color 48, 61.043, 335.290 looks on a white background.

Color Contrast Check

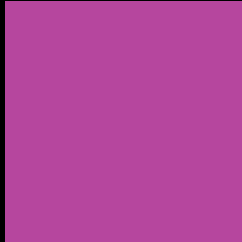
Large Text (above 18pt) WCAG AA ✓ Pass

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, 61.043, 335.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

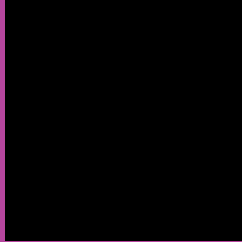
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 61.043, 335.290

Background



This preview shows how black text looks on a background with the CIELCh color 48, 61.043, 335.290.

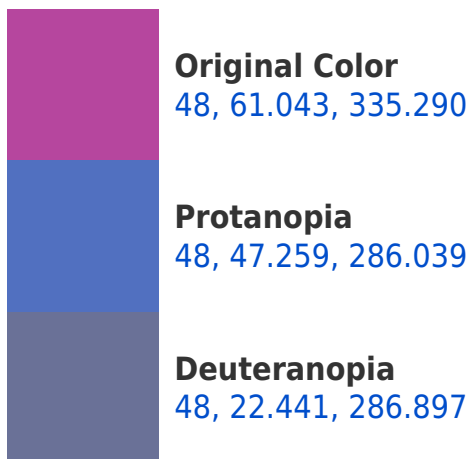


This preview shows how white text looks on a background with the CIELCh color 48, 61.043, 335.290.

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, 38.767, 20.102

Trichromacy



Original Color
48, 61.043, 335.290

Protanomaly
47, 49.644, 303.781

Deuteranomaly
47, 36.250, 315.667

Tritanomaly
48, 43.304, 358.314

Monochromacy



Original Color
48, 61.043, 335.290

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 24.750, 333.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 61.043, 335.290 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(182, 70, 158)` looks like.

```
.text, #text, p{  
    color:rgb(182, 70, 158)  
}
```

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(182, 70, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 70, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 61.043, 335.290 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(182, 70, 158) }
```

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

```
.border{ border-color:rgb(182, 70, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 70, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 70, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 70, 158);  
box-shadow:4px 4px 4px 4px rgb(182, 70,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 61.043, 335.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 70, 158) }
```

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

```
.background{ background-color: rgb(182, 70,  
158) }
```

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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