

Converting Colors

CIELCh(48, 61.111, 334.684)

Have a look what the booklet for
CIELCh(48, 61.111, 334.684)
contains.

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Color

CIELCh(48, 61.263, 334.583)

Conversions

Conversions Part 1

Format	Color
Hex	B5469F
RGB	181, 70, 159
RGB Percent	71%, 27%, 62%
CMY	0.2889, 0.7243, 0.3753
CMYK	0.00, 0.61, 0.12, 0.29
HSL	312°, 44%, 49%
HSV	312°, 61%, 71%
XYZ	27.6236, 16.7945, 34.7212
YIQ	113.3350, 37.5870, 51.2110

Conversions

Conversions Part 2

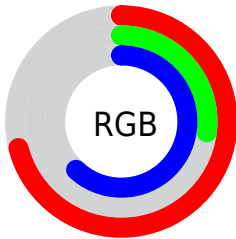
Format	Color
R_{YB}	181, 70, 159
Decimal	11880095
CIE _{Lab}	48.00, 55.33, -26.29
CIE _{LCh}	48, 61.263, 334.583
Yxy	16.7945, 0.3491, 0.2122
Android (android.graphics.Color)	4290070175 (0xFFB5469F)
YUV	113.3350, 22.5128, 59.3422
Hunter-Lab	40.9810, 48.6027, -21.5468

Details

The CIELCh color **48, 61.263, 334.583** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **66, 62.091, 144.575**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 61.020, 334.495**, and **28, 61.112, 334.683** is the 20% darker color. If you saturate the color by 10%, you get **45, 68.172, 335.359**, and if you desaturate by 10%, it is **51, 52.789, 333.848**.

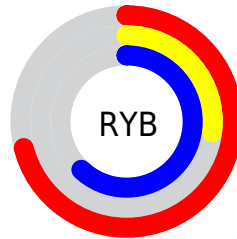
Distribution



Red (71%)

Green (27%)

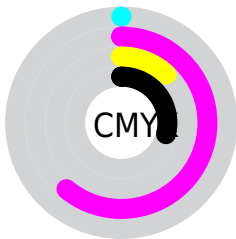
Blue (62%)



Red (71%)

Yellow (27%)

Blue (62%)

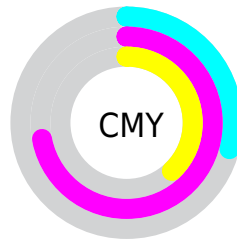


Cyan (0%)

Magenta (61%)

Yellow (12%)

Black (29%)



Cyan (29%)


Magenta (72%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 61.263, 334.583 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, 61.263, 334.583 by changing the saturation by 10% instead.


 48, 61.263,
334.583


 48, 61.263,
334.583


 100, 61.263,
334.583


 38, 61.263,
334.583

 68, 61.263,
334.583


 28, 61.263,
334.583

 78, 61.263,
334.583

 18, 61.263,
334.583


 88, 61.263,
334.583

 8, 61.263, 334.583

 98, 61.263,
334.583

 0, 61.263, 334.583

 48, 61.263,

 48, 61.263,

334.583

45, 68.172,
335.359

43, 73.099,
336.199

42, 75.802,
337.135

41, 76.715,
338.042

334.583

51, 52.789,
333.848

55, 43.227,
333.141

59, 32.999,
332.455

64, 22.447,
331.789

68, 11.819,
331.138

73, 1.282, 330.324

78, 9.055, 149.989

83, 19.133,
149.410

■ 88, 28.921,
148.870

Harmonies

Complementary

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



48, 61.263, 334.583



66, 62.091, 144.575

Rectangle

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



48, 61.263, 334.583



48, 61.263, 24.583



48, 61.263, 154.583



48, 61.263, 204.583

Sweetspot

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



48, 61.260, 334.583



82, 23.455, 331.598



38, 67.600, 303.683



42, 16.299, 331.786



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



48, 61.260, 334.583



57, 84.737, 335.602



46, 48.274, 3.895



36, 6.021, 331.016



35, 68.625, 337.901



3, 15.411, 333.825

Inverse Universe

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



48, 61.260, 334.583



57, 84.737, 335.602



67, 40.973, 167.841



36, 6.021, 331.016



35, 68.625, 337.901



3, 15.411, 333.825

Previews

White Background



This preview shows how the CIELCh color 48, 61.263, 334.583 looks on a white background.

Color Contrast Check

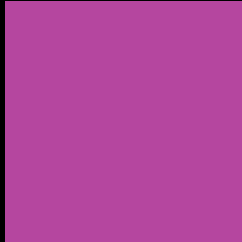
Large Text (above 18pt) WCAG AA ✓ Pass

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, 61.263, 334.583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

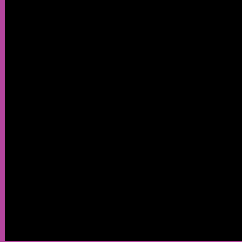
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 61.263, 334.583

Background



This preview shows how black text looks on a background with the CIELCh color 48, 61.263, 334.583.

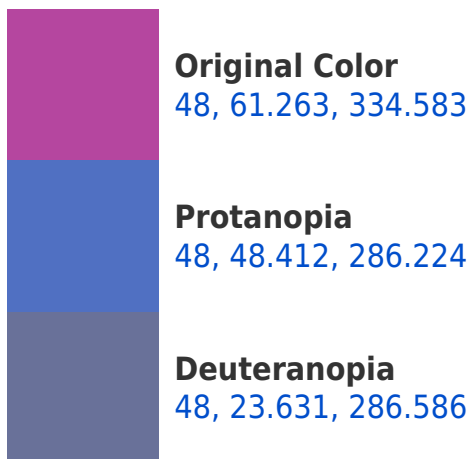


This preview shows how white text looks on a background with the CIELCh color 48, 61.263, 334.583.

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, 38.273, 19.921

Trichromacy



Original Color
48, 61.263, 334.583

Protanomaly
47, 50.186, 303.371

Deuteranomaly
47, 36.672, 314.777

Tritanomaly
48, 42.607, 357.590

Monochromacy



Original Color
48, 61.263, 334.583

Achromatopsia
48, 0.006, 296.813

Achromatomaly
47, 24.510, 332.321

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 61.263, 334.583 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(181, 70, 159)` looks like.

```
.text, #text, p{  
    color:rgb(181, 70, 159)  
}
```

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(181, 70, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 70, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 61.263, 334.583 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(181, 70, 159) }
```

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

```
.border{ border-color:rgb(181, 70, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 70, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 70, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 70, 159);  
box-shadow:4px 4px 4px 4px rgb(181, 70,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 61.263, 334.583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 70, 159) }
```

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

```
.background{ background-color: rgb(181, 70,  
159) }
```

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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