

Converting Colors

CIELCh(67, 15.588, 325.700)

Have a look what the booklet for
CIELCh(67, 15.588, 325.700)
contains.

CIELCh(67, 15.588, 326.294)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(67, 15.588, 326.294)

Conversions

Conversions Part 1

Format	Color
Hex	B49CB3
RGB	180, 156, 179
RGB Percent	71%, 61%, 70%
CMY	0.2949, 0.3890, 0.2989
CMYK	0.00, 0.13, 0.01, 0.29
HSL	302°, 14%, 66%
HSV	302°, 13%, 71%
XYZ	38.7426, 36.6320, 47.5651
YIQ	165.7980, 6.9210, 12.2410

Conversions

Conversions Part 2

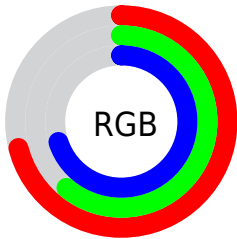
Format	Color
R_{YB}	180, 156, 179
Decimal	11836595
CIE Lab	67.00, 12.97, -8.65
CIE LCh	67, 15.588, 326.294
Yxy	36.6320, 0.3151, 0.2980
Android (android.graphics.Color)	4290026675 (0xFFB49CB3)
YUV	165.7980, 6.5086, 12.4552
Hunter-Lab	60.5244, 8.3429, -4.2280

Details

The CIELCh color $67, 15.588, 326.294$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 15.565, 144.777$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 15.432, 326.102$, and $47, 15.211, 326.599$ is the 20% darker color. If you saturate the color by 10%, you get $63, 27.330, 326.855$, and if you desaturate by 10%, it is $72, 3.886, 325.694$.

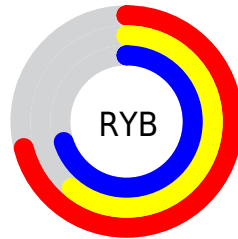
Distribution



Red (71%)

Green (61%)

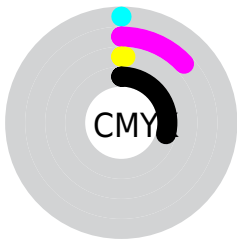
Blue (70%)



Red (71%)

Yellow (61%)

Blue (70%)

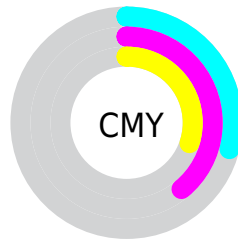


Cyan (0%)

Magenta (13%)

Yellow (1%)

Black (29%)



Cyan (29%)


Magenta (39%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 15.588, 326.294 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 67, 15.588, 326.294 by changing the saturation by 10% instead.


 67, 15.588,
326.294


 67, 15.588,
326.294


 100, 15.588,
326.294


 57, 15.588,
326.294


 87, 15.588,
326.294

 47, 15.588,
326.294

 97, 15.588,
326.294

 37, 15.588,
326.294

 27, 15.588,
326.294

 17, 15.588,
326.294

 7, 15.588, 326.294

 0, 15.588, 326.294

67, 15.588,
326.294

67, 15.588,
326.294

63, 27.330,
326.855

72, 3.886, 325.694

58, 38.912,
327.402

76, 7.634, 145.247

54, 50.041,
327.926

81, 18.888,
144.702

51, 60.343,
328.415

86, 29.829,
144.192

48, 69.374,
328.854

91, 40.436,
143.709

45, 76.680,
329.235

94, 45.644,
143.600


44, 81.903,
329.552


94, 45.333,
143.875

43, 84.902,

94, 45.022,
144.154

329.808

 94, 44.711,
144.436

 42, 86.053,
329.956

Harmonies

Complementary

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



67, 15.588, 326.294



71, 15.565, 144.777

Rectangle

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



67, 15.588, 326.294



67, 15.588, 16.294



67, 15.588, 146.294



67, 15.588, 196.294

Sweetspot

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



67, 15.586, 326.294



91, 5.771, 325.745



65, 13.360, 292.815



48, 4.099, 325.794



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 15.586, 326.294



84, 23.227, 326.460



67, 11.083, 346.611



35, 6.562, 326.064



36, 76.429, 329.934



3, 15.573, 326.184

Inverse Universe

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



67, 15.586, 326.294



84, 23.227, 326.460



71, 10.868, 164.371



35, 6.562, 326.064



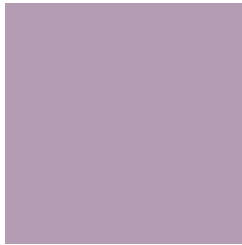
36, 76.429, 329.934



3, 15.573, 326.184

Previews

White Background



This preview shows how the CIELCh color 67, 15.588, 326.294 looks on a white background.

Color Contrast Check

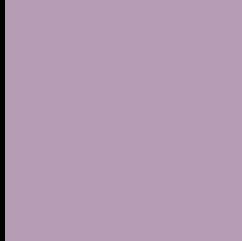
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 15.588, 326.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

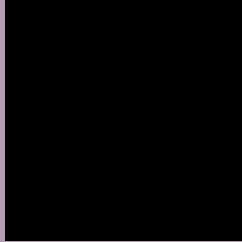
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 15.588, 326.294

Background



This preview shows how black text looks on a background with the CIELCh color 67, 15.588, 326.294.



This preview shows how white text looks on a background with the CIELCh color 67, 15.588, 326.294.

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



Original Color

67, 15.588, 326.294

Protanopia

67, 11.618, 287.833

Deuteranopia

67, 11.611, 315.658



Tritanopia
67, 10.757, 338.595

Trichromacy



Original Color
67, 15.588, 326.294

Protanomaly
67, 11.937, 303.696

Deuteranomaly
67, 12.789, 320.780

Tritanomaly
67, 12.159, 333.994

Monochromacy



Original Color
67, 15.588, 326.294

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.044, 324.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 15.588, 326.294 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(180, 156, 179)` looks like.

```
.text, #text, p{  
    color:rgb(180, 156, 179)  
}
```

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(180, 156, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 156, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 15.588, 326.294 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(180, 156, 179) }
```

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

```
.border{ border-color:rgb(180, 156, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 156, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 156, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 156, 179);  
box-shadow:4px 4px 4px 4px rgb(180, 156,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 15.588, 326.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 156, 179) }
```

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

```
.background{ background-color: rgb(180,  
156, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor