

Converting Colors

CIELCh(67, 18.590, 329.312)

Have a look what the booklet for
CIELCh(67, 18.590, 329.312)
contains.

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Color

CIELCh(67, 18.238, 329.251)

Conversions

Conversions Part 1

Format	Color
Hex	B89AB4
RGB	184, 154, 180
RGB Percent	72%, 60%, 71%
CMY	0.2781, 0.3958, 0.2938
CMYK	0.00, 0.16, 0.02, 0.28
HSL	308°, 17%, 66%
HSV	308°, 16%, 72%
XYZ	39.5973, 36.6320, 48.2021
YIQ	165.9340, 9.5340, 14.4460

Conversions

Conversions Part 2

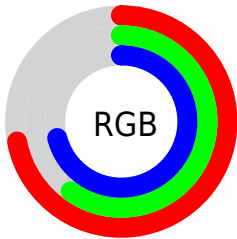
Format	Color
RYB	184, 154, 180
Decimal	12098228
CIELab	67.00, 15.67, -9.32
CIELCh	67, 18.238, 329.251
Yxy	36.6320, 0.3182, 0.2944
Android (android.graphics.Color)	4290288308 (0xFFB89AB4)
YUV	165.9340, 6.9345, 15.8439
Hunter-Lab	60.5244, 10.8637, -4.8520

Details

The CIELCh color `67, 18.238, 329.251` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `72, 18.195, 147.261`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 18.595, 328.816`, and `47, 18.020, 329.838` is the 20% darker color. If you saturate the color by 10%, you get `62, 29.467, 329.861`, and if you desaturate by 10%, it is `72, 7.008, 328.635`.

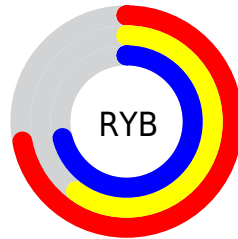
Distribution



Red (72%)

Green (60%)

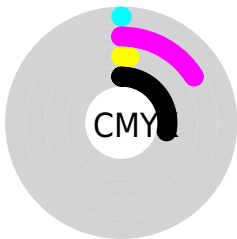
Blue (71%)



Red (72%)

Yellow (60%)

Blue (71%)

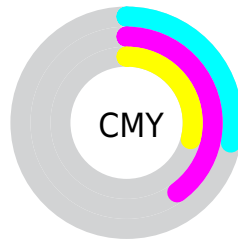


Cyan (0%)

Magenta (16%)

Yellow (2%)

Black (28%)



Cyan (28%)


Magenta (40%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 18.238, 329.251 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, 18.238, 329.251 by changing the saturation by 10% instead.


 67, 18.238,
329.251


 67, 18.238,
329.251


 100, 18.238,
329.251


 57, 18.238,
329.251


 87, 18.238,
329.251

 47, 18.238,
329.251

 97, 18.238,
329.251

 37, 18.238,
329.251

 27, 18.238,
329.251

 17, 18.238,
329.251

 7, 18.238, 329.251

 0, 18.238, 329.251

67, 18.238,
329.251

67, 18.238,
329.251

62, 29.467,
329.861

72, 7.008, 328.635

58, 40.481,
330.474

77, 4.070, 148.166

54, 50.969,
331.085

82, 14.908,
147.562

51, 60.532,
331.691

87, 25.455,
147.023

48, 68.705,
332.289

92, 35.689,
146.514

45, 75.028,
332.886

94, 39.999,
146.836


44, 79.162,
333.491


94, 39.005,
147.954

43, 81.062,

94, 38.023,
149.126

334.125

 94, 37.052,
150.356

 42, 81.501,
334.364

Harmonies

Complementary

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



67, 18.238, 329.251



72, 18.195, 147.261

Rectangle

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



67, 18.238, 329.251



67, 18.238, 19.251



67, 18.238, 149.251



67, 18.238, 199.251

Sweetspot

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



67, 18.236, 329.251



92, 6.891, 328.555



65, 16.801, 296.784



48, 4.701, 328.601



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 18.236, 329.251



83, 27.768, 329.497



67, 13.057, 353.039



36, 6.304, 328.826



36, 72.065, 334.274



3, 16.427, 330.534

Inverse Universe

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



67, 18.236, 329.251



83, 27.768, 329.497



72, 12.594, 170.039



36, 6.304, 328.826



36, 72.065, 334.274



3, 16.427, 330.534

Previews

White Background



This preview shows how the CIELCh color 67, 18.238, 329.251 looks on a white background.

Color Contrast Check

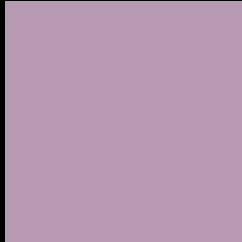
Large Text (above 18pt) WCAG AA × Fail

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, 18.238, 329.251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

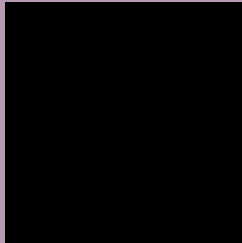
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 18.238, 329.251

Background



This preview shows how black text looks on a background with the CIELCh color 67, 18.238, 329.251.



This preview shows how white text looks on a background with the CIELCh color 67, 18.238, 329.251.

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, 18.238, 329.251

Protanopia

67, 12.719, 288.268

Deuteranopia

67, 12.113, 314.577



Tritanopia
67, 11.959, 346.999

Trichromacy



Original Color
67, 18.238, 329.251

Protanomaly
67, 13.827, 306.754

Deuteranomaly
67, 14.120, 321.232

Tritanomaly
67, 14.191, 339.438

Monochromacy



Original Color
67, 18.238, 329.251

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.501, 330.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 18.238, 329.251 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, 154, 180)` looks like.

```
.text, #text, p{  
    color:rgb(184, 154, 180)  
}
```

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, 154, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 154, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 18.238, 329.251 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, 154, 180) }
```

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

```
.border{ border-color:rgb(184, 154, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 154, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 154, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 154, 180);  
box-shadow:4px 4px 4px 4px rgb(184, 154,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 18.238, 329.251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 154, 180) }
```

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

```
.background{ background-color: rgb(184,  
154, 180) }
```

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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