

Converting Colors

CIELCh(67, 12.572, 332.258)

Have a look what the booklet for
CIELCh(67, 12.572, 332.258)
contains.

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Color

CIELCh(67, 12.558, 332.254)

Conversions

Conversions Part 1

Format	Color
Hex	B39DAE
RGB	179, 157, 174
RGB Percent	70%, 62%, 68%
CMY	0.2990, 0.3853, 0.3186
CMYK	0.00, 0.12, 0.03, 0.30
HSL	314°, 13%, 66%
HSV	314°, 12%, 70%
XYZ	38.1644, 36.6320, 44.9770
YIQ	165.5160, 7.6550, 9.9510

Conversions

Conversions Part 2

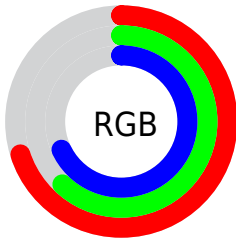
Format	Color
R_{YB}	179, 157, 174
Decimal	11771310
CIE _{Lab}	67.00, 11.11, -5.85
CIE _{LCh}	67, 12.558, 332.254
Yxy	36.6320, 0.3186, 0.3058
Android (android.graphics.Color)	4289961390 (0xFFB39DAE)
YUV	165.5160, 4.1826, 11.8255
Hunter-Lab	60.5244, 6.6377, -1.6927

Details

The CIELCh color $67, 12.558, 332.254$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 12.508, 150.701$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 12.163, 333.367$, and $47, 12.432, 331.466$ is the 20% darker color. If you saturate the color by 10%, you get $62, 22.856, 332.929$, and if you desaturate by 10%, it is $72, 2.336, 331.519$.

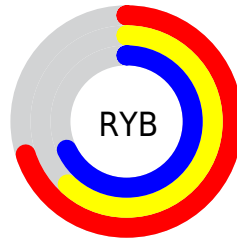
Distribution



Red (70%)

Green (62%)

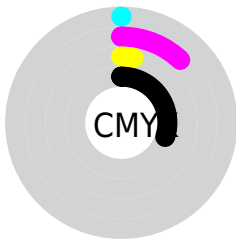
Blue (68%)



Red (70%)

Yellow (62%)

Blue (68%)

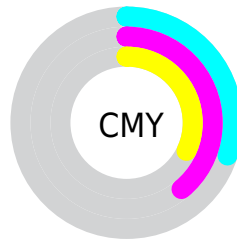


Cyan (0%)

Magenta (12%)

Yellow (3%)

Black (30%)



Cyan (30%)


Magenta (39%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 12.558, 332.254 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, 12.558, 332.254 by changing the saturation by 10% instead.


 67, 12.558,
332.254


 67, 12.558,
332.254


 100, 12.558,
332.254


 57, 12.558,
332.254


 87, 12.558,
332.254

 47, 12.558,
332.254

 97, 12.558,
332.254

 37, 12.558,
332.254

 27, 12.558,
332.254

 17, 12.558,
332.254

 7, 12.558, 332.254

 0, 12.558, 332.254

67, 12.558,
332.254

67, 12.558,
332.254

62, 22.856,
332.929

72, 2.336, 331.519

58, 33.068,
333.625

77, 7.695, 151.077

54, 42.942,
334.350

82, 17.477,
150.480

50, 52.136,
335.110

86, 26.977,
149.928

47, 60.225,
335.917

91, 36.187,
149.409

44, 66.746,
336.791

94, 39.837,
150.118


42, 71.288,
337.764


94, 38.255,
152.125

41, 73.635,

94, 36.711,
154.293

338.879

 94, 35.211,
156.638

 40, 74.331,
339.830

Harmonies

Complementary

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



67, 12.558, 332.254



71, 12.508, 150.701

Rectangle

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



67, 12.558, 332.254



67, 12.558, 22.254



67, 12.558, 152.254



67, 12.558, 202.254

Sweetspot

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



67, 12.556, 332.255



90, 5.020, 331.683



66, 12.370, 299.490



48, 3.598, 331.741



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, 12.556, 332.255



83, 18.958, 332.452



67, 9.162, 358.259



35, 5.762, 332.056



34, 66.407, 339.654



2, 12.997, 334.959

Inverse Universe

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



67, 12.556, 332.255



83, 18.958, 332.452



71, 8.830, 176.047



35, 5.762, 332.056



34, 66.407, 339.654



2, 12.997, 334.959

Previews

White Background



This preview shows how the CIELCh color 67, 12.558, 332.254 looks on a white background.

Color Contrast Check

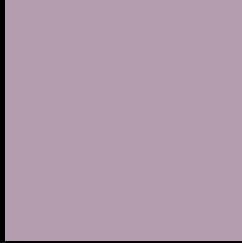
Large Text (above 18pt) WCAG AA × Fail

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, 12.558, 332.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

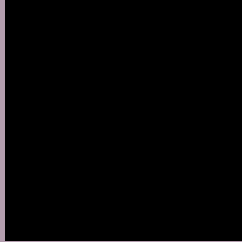
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 12.558, 332.254

Background



This preview shows how black text looks on a background with the CIELCh color 67, 12.558, 332.254.



This preview shows how white text looks on a background with the CIELCh color 67, 12.558, 332.254.

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, 12.558, 332.254

Protanopia

67, 8.294, 291.038

Deuteranopia

67, 10.287, 326.652



Tritanopia
67, 10.757, 338.595

Trichromacy



Original Color
67, 12.558, 332.254

Protanomaly
67, 9.375, 309.457

Deuteranomaly
67, 10.745, 329.977

Tritanomaly
67, 11.125, 336.465

Monochromacy



Original Color
67, 12.558, 332.254

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 4.513, 332.574

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 12.558, 332.254 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(179, 157, 174)` looks like.

```
.text, #text, p{  
    color:rgb(179, 157, 174)  
}
```

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(179, 157, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 157, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 12.558, 332.254 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(179, 157, 174) }
```

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

```
.border{ border-color:rgb(179, 157, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 157, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 157, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 157, 174);  
box-shadow:4px 4px 4px 4px rgb(179, 157,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 12.558, 332.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 157, 174) }
```

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

```
.background{ background-color: rgb(179,  
157, 174) }
```

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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