

Converting Colors

CIELCh(67, 12.117, 333.747)

Have a look what the booklet for
CIELCh(67, 12.117, 333.747)
contains.

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Color

CIELCh(67, 12.159, 333.994)

Conversions

Conversions Part 1

Format	Color
Hex	B39DAD
RGB	179, 157, 173
RGB Percent	70%, 62%, 68%
CMY	0.2987, 0.3849, 0.3222
CMYK	0.00, 0.12, 0.03, 0.30
HSL	316°, 13%, 66%
HSV	316°, 12%, 70%
XYZ	38.1066, 36.6320, 44.5120
YIQ	165.4020, 7.9760, 9.6400

Conversions

Conversions Part 2

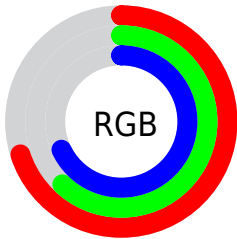
Format	Color
RYB	179, 157, 173
Decimal	11771309
CIELab	67.00, 10.93, -5.33
CIElCh	67, 12.159, 333.994
Yxy	36.6320, 0.3196, 0.3072
Android (android.graphics.Color)	4289961389 (0xFFB39DAD)
YUV	165.4020, 3.7458, 11.9254
Hunter-Lab	60.5244, 6.4673, -1.2371

Details

The CIELCh color $67, 12.159, 333.994$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 12.096, 152.381$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 11.792, 335.105$, and $47, 12.000, 333.323$ is the 20% darker color. If you saturate the color by 10%, you get $62, 22.146, 334.707$, and if you desaturate by 10%, it is $72, 2.258, 333.223$.

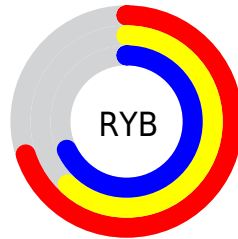
Distribution



Red (70%)

Green (62%)

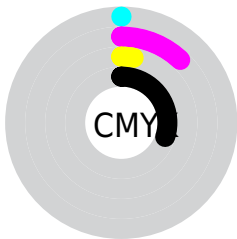
Blue (68%)



Red (70%)

Yellow (62%)

Blue (68%)

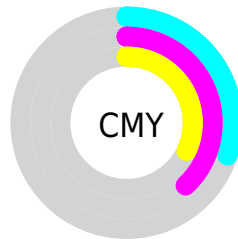


Cyan (0%)

Magenta (12%)

Yellow (3%)

Black (30%)



Cyan (30%)

Magenta (38%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 12.159, 333.994 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, 12.159, 333.994 by changing the saturation by 10% instead.


 67, 12.159,
333.994


 67, 12.159,
333.994


 100, 12.159,
333.994

 57, 12.159,
333.994

 87, 12.159,
333.994

 47, 12.159,
333.994

 97, 12.159,
333.994

 37, 12.159,
333.994

 27, 12.159,
333.994

 17, 12.159,
333.994

 7, 12.159, 333.994

 0, 12.159, 333.994

67, 12.159,
333.994

67, 12.159,
333.994

62, 22.146,
334.707

72, 2.258, 333.223

58, 32.061,
335.453

77, 7.451, 152.770

54, 41.659,
336.244

82, 16.910,
152.153

50, 50.606,
337.093

87, 26.092,
151.586

47, 58.482,
338.020

92, 34.991,
151.053

44, 64.821,
339.056

94, 38.273,
152.052


42, 69.209,
340.247


94, 36.422,
154.671

41, 71.424,

94, 34.637,
157.550

341.655

 94, 32.930,
160.719

 40, 72.034,
342.878

Harmonies

Complementary

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



67, 12.159, 333.994



71, 12.096, 152.381

Rectangle

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



67, 12.159, 333.994



67, 12.159, 23.994



67, 12.159, 153.994



67, 12.159, 203.994

Sweetspot

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



67, 12.157, 333.995



90, 4.859, 333.396



66, 12.436, 301.321



48, 3.482, 333.457



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, 12.157, 333.995



83, 18.359, 334.203



67, 8.969, 1.871



35, 5.578, 333.786



34, 64.350, 342.647



2, 12.487, 337.328

Inverse Universe

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



67, 12.157, 333.995



83, 18.359, 334.203



71, 8.588, 179.685



35, 5.578, 333.786



34, 64.350, 342.647



2, 12.487, 337.328

Previews

White Background



This preview shows how the CIELCh color 67, 12.159, 333.994 looks on a white background.

Color Contrast Check

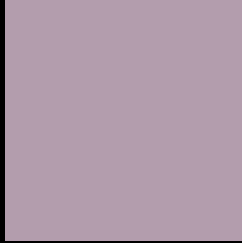
Large Text (above 18pt) WCAG AA × Fail

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, 12.159, 333.994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

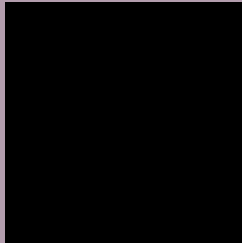
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 12.159, 333.994

Background



This preview shows how black text looks on a background with the CIELCh color 67, 12.159, 333.994.



This preview shows how white text looks on a background with the CIELCh color 67, 12.159, 333.994.

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, 12.159, 333.994

Protanopia

67, 7.742, 290.983

Deuteranopia

67, 10.512, 328.348



Tritanopia
67, 10.757, 338.595

Trichromacy



Original Color
67, 12.159, 333.994

Protanomaly
67, 8.853, 310.577

Deuteranomaly
67, 10.745, 329.977

Tritanomaly
67, 11.125, 336.465

Monochromacy



Original Color
67, 12.159, 333.994

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, 12.159, 333.994 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(179, 157, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 157, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 12.159, 333.994 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, 173) }
```

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

```
.border{ border-color:rgb(179, 157, 173) }
```

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, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 157, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 157, 173);  
box-shadow:4px 4px 4px 4px rgb(179, 157,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 12.159, 333.994 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, 173) }
```

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

```
.background{ background-color: rgb(179,  
157, 173) }
```

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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