

Converting Colors

CIELCh(67, 12.243, 319.752)

Have a look what the booklet for
CIELCh(67, 12.243, 319.752)
contains.

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Color

CIELCh(67, 12.130, 320.523)

Conversions

Conversions Part 1

Format	Color
Hex	AE9EB1
RGB	174, 158, 177
RGB Percent	68%, 62%, 69%
CMY	0.3176, 0.3803, 0.3058
CMYK	0.02, 0.11, 0.00, 0.31
HSL	291°, 11%, 66%
HSV	291°, 11%, 69%
XYZ	37.6234, 36.6320, 46.6881
YIQ	164.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

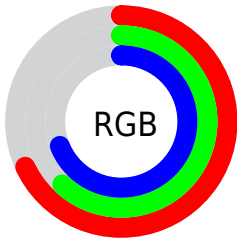
Format	Color
RYB	174, 158, 177
Decimal	11443889
CIELab	67.00, 9.36, -7.71
CIELCh	67, 12.130, 320.523
Yxy	36.6320, 0.3111, 0.3029
Android (android.graphics.Color)	4289633969 (0xFFAE9EB1)
YUV	164.9500, 5.9407, 7.9369
Hunter-Lab	60.5244, 5.0423, -3.3689

Details

The CIELCh color $67, 12.130, 320.523$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 12.070, 139.555$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 12.138, 320.661$, and $47, 11.739, 321.827$ is the 20% darker color. If you saturate the color by 10%, you get $62, 23.580, 320.987$, and if you desaturate by 10%, it is $72, 0.827, 319.846$.

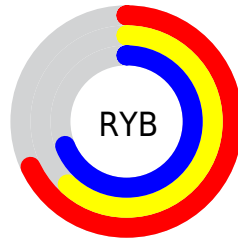
Distribution



Red (68%)

Green (62%)

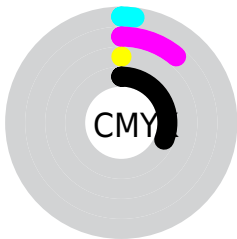
Blue (69%)



Red (68%)

Yellow (62%)

Blue (69%)

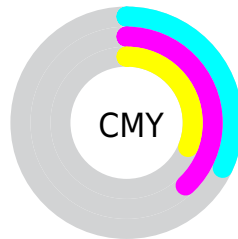


Cyan (2%)

Magenta (11%)

Yellow (0%)

Black (31%)



Cyan (32%)


Magenta (38%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 12.130, 320.523 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, 12.130, 320.523 by changing the saturation by 10% instead.


 67, 12.130,
320.523


 67, 12.130,
320.523


 100, 12.130,
320.523


 57, 12.130,
320.523


 87, 12.130,
320.523

 47, 12.130,
320.523

 97, 12.130,
320.523

 37, 12.130,
320.523

 27, 12.130,
320.523

 17, 12.130,
320.523

 7, 12.130, 320.523

 0, 12.130, 320.523

67, 12.130,
320.523

67, 12.130,
320.523

62, 23.580,
320.987

72, 0.827, 319.846

58, 35.047,
321.438

77, 10.239,
139.672

53, 46.318,
321.860

82, 21.023,
139.247

49, 57.095,
322.230

87, 31.502,
138.854

46, 66.979,
322.518

92, 41.670,
138.489

42, 75.491,
322.687

94, 46.159,
137.818


40, 82.147,
322.701


94, 45.644,
136.822

38, 86.585,

95, 45.140,
135.793

322.527

 95, 44.648,
134.732

 37, 89.038,
322.226

Harmonies

Complementary

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



67, 12.130, 320.523



71, 12.070, 139.555

Rectangle

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



67, 12.130, 320.523



67, 12.130, 10.523



67, 12.130, 140.523



67, 12.130, 190.523

Sweetspot

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



67, 12.128, 320.522



89, 4.164, 320.133



67, 8.817, 283.594



47, 3.155, 320.181



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 12.128, 320.522



83, 18.179, 320.639



67, 10.066, 336.384



35, 6.437, 320.456



32, 79.948, 322.291



2, 15.163, 317.985

Inverse Universe

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



67, 7.540, 7.419



83, 11.361, 7.682



70, 10.002, 154.924



35, 3.990, 7.273



31, 64.737, 31.610



2, 9.320, 9.371

Previews

White Background



This preview shows how the CIELCh color 67, 12.130, 320.523 looks on a white background.

Color Contrast Check

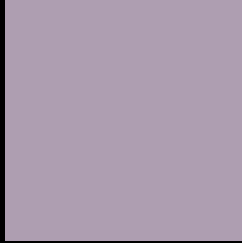
Large Text (above 18pt) WCAG AA × Fail

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, 12.130, 320.523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

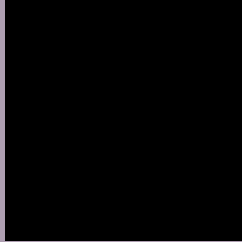
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 12.130, 320.523

Background



This preview shows how black text looks on a background with the CIELCh color 67, 12.130, 320.523.



This preview shows how white text looks on a background with the CIELCh color 67, 12.130, 320.523.

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, 12.130, 320.523

Protanopia

67, 9.400, 288.937

Deuteranopia

67, 11.281, 318.562



Tritanopia
67, 8.515, 329.053

Trichromacy



Original Color
67, 12.130, 320.523

Protanomaly
67, 9.608, 302.142

Deuteranomaly
67, 11.281, 318.562

Tritanomaly
67, 9.397, 324.854

Monochromacy



Original Color
67, 12.130, 320.523

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 4.505, 320.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 12.130, 320.523 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(174, 158, 177)` looks like.

```
.text, #text, p{  
    color:rgb(174, 158, 177)  
}
```

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(174, 158, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 158, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 12.130, 320.523 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(174, 158, 177) }
```

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

```
.border{ border-color:rgb(174, 158, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 158, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 158, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 158, 177);  
box-shadow:4px 4px 4px 4px rgb(174, 158,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 12.130, 320.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 158, 177) }
```

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

```
.background{ background-color: rgb(174,  
158, 177) }
```

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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