

Converting Colors

CIELCh(67, 12.387, 326.275)

Have a look what the booklet for
CIELCh(67, 12.387, 326.275)
contains.

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Color

CIELCh(67, 12.731, 325.007)

Conversions

Conversions Part 1

Format	Color
Hex	B09DB0
RGB	176, 157, 176
RGB Percent	69%, 62%, 69%
CMY	0.3086, 0.3831, 0.3086
CMYK	0.00, 0.11, 0.00, 0.31
HSL	300°, 11%, 65%
HSV	300°, 11%, 69%
XYZ	37.9523, 36.6320, 46.3075
YIQ	164.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

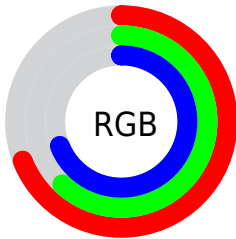
Format	Color
RYB	176, 157, 176
Decimal	11574704
CIELab	67.00, 10.43, -7.30
CIELCh	67, 12.731, 325.007
Yxy	36.6320, 0.3139, 0.3030
Android (android.graphics.Color)	4289764784 (0xFFB09DB0)
YUV	164.8470, 5.4984, 9.7812
Hunter-Lab	60.5244, 6.0122, -2.9961

Details

The CIELCh color $67, 12.731, 325.007$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 12.712, 143.829$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 12.713, 324.893$, and $47, 12.663, 323.645$ is the 20% darker color. If you saturate the color by 10%, you get $63, 24.621, 325.555$, and if you desaturate by 10%, it is $72, 0.919, 324.230$.

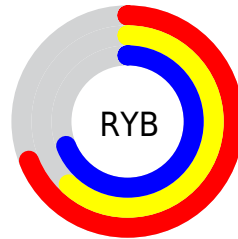
Distribution



Red (69%)

Green (62%)

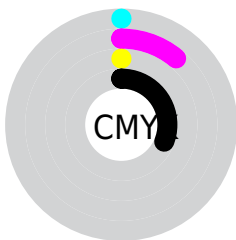
Blue (69%)



Red (69%)

Yellow (62%)

Blue (69%)

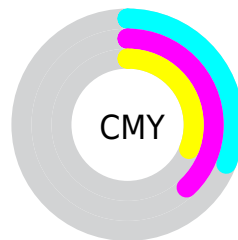


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (31%)



Cyan (31%)


Magenta (38%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 12.731, 325.007 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, 12.731, 325.007 by changing the saturation by 10% instead.


 67, 12.731,
325.007


 67, 12.731,
325.007


 100, 12.731,
325.007


 57, 12.731,
325.007

 87, 12.731,
325.007

 47, 12.731,
325.007

 97, 12.731,
325.007

 37, 12.731,
325.007

 27, 12.731,
325.007

 17, 12.731,
325.007

 7, 12.731, 325.007

 0, 12.731, 325.007

67, 12.731,
325.007

67, 12.731,
325.007

63, 24.621,
325.555

72, 0.919, 324.230

58, 36.405,
326.086

76, 10.683,
143.977

54, 47.814,
326.588

81, 22.000,
143.451

51, 58.493,
327.047

86, 32.993,
142.955

48, 68.020,
327.446

91, 43.641,
142.485

45, 75.947,
327.770

93, 49.253,
142.242


44, 81.895,
328.009


93, 49.253,
142.242

42, 85.669,

93, 49.252,
142.242

328.158

 93, 49.252,
142.243

 42, 87.621,
328.234

Harmonies

Complementary

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



67, 12.731, 325.007



70, 12.712, 143.829

Rectangle

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



67, 12.731, 325.007



67, 12.731, 15.007



67, 12.731, 145.007



67, 12.731, 195.007

Sweetspot

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



67, 12.729, 325.007



89, 4.372, 324.543



65, 10.562, 291.290



47, 3.312, 324.599



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, 12.729, 325.007



84, 19.046, 325.143



67, 8.977, 344.504



35, 6.750, 324.926



36, 78.924, 328.234



3, 16.261, 324.441

Inverse Universe

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



67, 12.729, 325.007



84, 19.046, 325.143



70, 8.852, 162.798



35, 6.750, 324.926



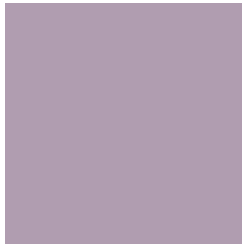
36, 78.924, 328.234



3, 16.261, 324.441

Previews

White Background



This preview shows how the CIELCh color 67, 12.731, 325.007 looks on a white background.

Color Contrast Check

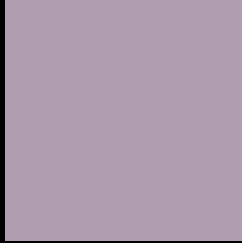
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 67, 12.731, 325.007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

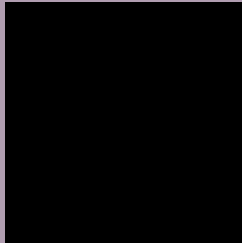
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 12.731, 325.007

Background



This preview shows how black text looks on a background with the CIELCh color 67, 12.731, 325.007.



This preview shows how white text looks on a background with the CIELCh color 67, 12.731, 325.007.

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, 12.731, 325.007

Protanopia

67, 9.400, 288.937

Deuteranopia

67, 10.798, 319.921



Tritanopia
67, 9.673, 332.378

Trichromacy



Original Color
67, 12.731, 325.007

Protanomaly
67, 10.326, 305.604

Deuteranomaly
67, 11.657, 321.866

Tritanomaly
67, 10.512, 328.348

Monochromacy



Original Color
67, 12.731, 325.007

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 4.708, 324.616

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 12.731, 325.007 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(176, 157, 176)` looks like.

```
.text, #text, p{  
    color:rgb(176, 157, 176)  
}
```

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(176, 157, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 157, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 12.731, 325.007 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(176, 157, 176) }
```

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

```
.border{ border-color:rgb(176, 157, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 157, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 157, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 157, 176);  
box-shadow:4px 4px 4px 4px rgb(176, 157,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 12.731, 325.007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 157, 176) }
```

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

```
.background{ background-color: rgb(176,  
157, 176) }
```

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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