

Converting Colors

CIELCh(67, 12.773, 330.065)

Have a look what the booklet for
CIELCh(67, 12.773, 330.065)
contains.

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Color

CIELCh(67, 12.733, 329.284)

Conversions

Conversions Part 1

Format	Color
Hex	B29DAF
RGB	178, 157, 175
RGB Percent	70%, 62%, 69%
CMY	0.3023, 0.3846, 0.3141
CMYK	0.00, 0.12, 0.02, 0.30
HSL	309°, 12%, 66%
HSV	309°, 12%, 70%
XYZ	38.1124, 36.6320, 45.5751
YIQ	165.3310, 6.7380, 10.0500

Conversions

Conversions Part 2

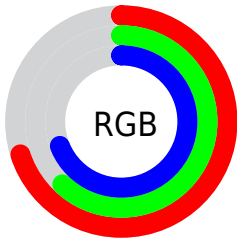
Format	Color
RYB	178, 157, 175
Decimal	11705775
CIELab	67.00, 10.95, -6.50
CIELCh	67, 12.733, 329.284
Yxy	36.6320, 0.3168, 0.3045
Android (android.graphics.Color)	4289895855 (0xFFB29DAF)
YUV	165.3310, 4.7668, 11.1107
Hunter-Lab	60.5244, 6.4845, -2.2786

Details

The CIELCh color $67, 12.733, 329.284$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 12.701, 147.889$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 12.715, 328.936$, and $47, 12.634, 328.263$ is the 20% darker color. If you saturate the color by 10%, you get $62, 23.604, 329.898$, and if you desaturate by 10%, it is $72, 1.934, 328.579$.

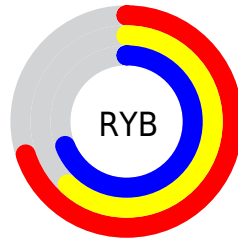
Distribution



Red (70%)

Green (62%)

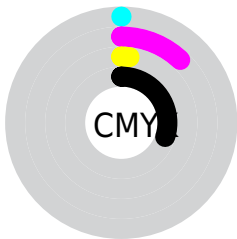
Blue (69%)



Red (70%)

Yellow (62%)

Blue (69%)

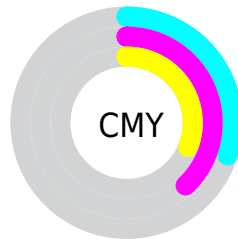


Cyan (0%)

Magenta (12%)

Yellow (2%)

Black (30%)



Cyan (30%)

Magenta (38%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 12.733, 329.284 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, 12.733, 329.284 by changing the saturation by 10% instead.

 67, 12.733,
329.284

 67, 12.733,
329.284


 100, 12.733,
329.284


 57, 12.733,
329.284

 87, 12.733,
329.284

 47, 12.733,
329.284

 97, 12.733,
329.284

 37, 12.733,
329.284

 27, 12.733,
329.284

 17, 12.733,
329.284

 7, 12.733, 329.284

 0, 12.733, 329.284

67, 12.733,
329.284

67, 12.733,
329.284

62, 23.604,
329.898

72, 1.934, 328.579

58, 34.377,
330.516

76, 8.673, 148.180

54, 44.791,
331.136

81, 19.022,
147.617

50, 54.501,
331.757

86, 29.077,
147.091

47, 63.081,
332.376

91, 38.828,
146.594

45, 70.072,
332.996

94, 43.205,
146.855


43, 75.072,
333.626


94, 42.178,
147.926

41, 77.870,

94, 41.161,
149.047

334.286

 94, 40.156,
150.221

 41, 78.907,
334.854

Harmonies

Complementary

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



67, 12.733, 329.284



71, 12.701, 147.889

Rectangle

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



67, 12.733, 329.284



67, 12.733, 19.284



67, 12.733, 149.284



67, 12.733, 199.284

Sweetspot

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



67, 12.731, 329.285



90, 5.331, 328.788



66, 11.730, 296.369



48, 3.821, 328.841



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, 12.731, 329.285



84, 18.768, 329.435



67, 9.129, 352.560



35, 6.117, 329.132



35, 70.692, 334.764



2, 14.068, 330.776

Inverse Universe

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



67, 12.731, 329.285



84, 18.768, 329.435



71, 8.893, 170.489



35, 6.117, 329.132



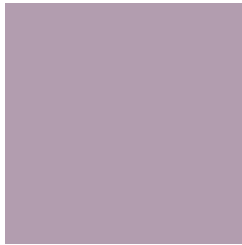
35, 70.692, 334.764



2, 14.068, 330.776

Previews

White Background



This preview shows how the CIELCh color 67, 12.733, 329.284 looks on a white background.

Color Contrast Check

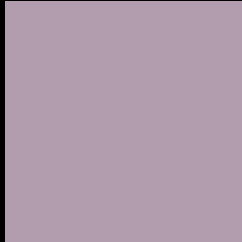
Large Text (above 18pt) WCAG AA × Fail

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, 12.733, 329.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

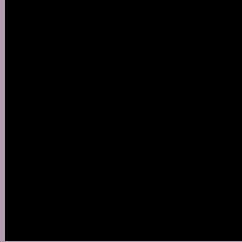
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 12.733, 329.284

Background



This preview shows how black text looks on a background with the CIELCh color 67, 12.733, 329.284.



This preview shows how white text looks on a background with the CIELCh color 67, 12.733, 329.284.

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, 12.733, 329.284

Protanopia

67, 8.847, 291.094

Deuteranopia

67, 11.192, 323.326



Tritanopia
67, 9.820, 337.936

Trichromacy



Original Color
67, 12.733, 329.284

Protanomaly
67, 9.899, 308.462

Deuteranomaly
67, 11.396, 324.946

Tritanomaly
67, 10.584, 333.509

Monochromacy



Original Color
67, 12.733, 329.284

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 4.933, 328.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 12.733, 329.284 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(178, 157, 175)` looks like.

```
.text, #text, p{  
    color:rgb(178, 157, 175)  
}
```

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(178, 157, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 157, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 12.733, 329.284 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(178, 157, 175) }
```

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

```
.border{ border-color:rgb(178, 157, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 157, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 157, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 157, 175);  
box-shadow:4px 4px 4px 4px rgb(178, 157,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 12.733, 329.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 157, 175) }
```

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

```
.background{ background-color: rgb(178,  
157, 175) }
```

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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