

Converting Colors

CIELCh(67, 37.336, 325.477)

Have a look what the booklet for
CIELCh(67, 37.336, 325.477)
contains.

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Color

CIELCh(67, 37.792, 325.500)

Conversions

Conversions Part 1

Format	Color
Hex	C990CA
RGB	201, 144, 202
RGB Percent	79%, 56%, 79%
CMY	0.2117, 0.4352, 0.2078
CMYK	0.00, 0.29, 0.00, 0.21
HSL	299°, 35%, 68%
HSV	299°, 29%, 79%
XYZ	44.7255, 36.6320, 60.5954
YIQ	167.6550, 15.3540, 30.1220

Conversions

Conversions Part 2

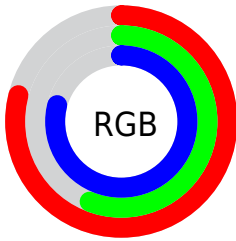
Format	Color
R_{YB}	201, 144, 202
Decimal	13209802
CIE _{Lab}	67.00, 31.15, -21.41
CIE _{LCh}	67, 37.792, 325.500
Yxy	36.6320, 0.3151, 0.2581
Android (android.graphics.Color)	4291399882 (0xFFC990CA)
YUV	167.6550, 16.9321, 29.2436
Hunter-Lab	60.5244, 25.9881, -16.9926

Details

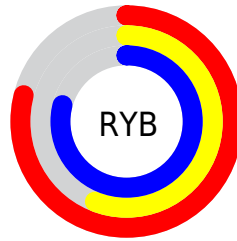
The CIELCh color $67, 37.792, 325.500$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 37.756, 142.058$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 35.751, 325.667$, and $47, 37.616, 325.325$ is the 20% darker color. If you saturate the color by 10%, you get $63, 50.604, 326.001$, and if you desaturate by 10%, it is $72, 24.634, 324.972$.

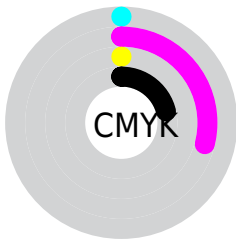
Distribution



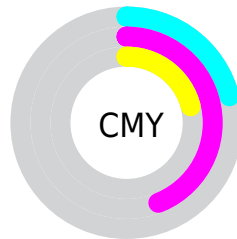
- Red (79%)
- Green (56%)
- Blue (79%)



- Red (79%)
- Yellow (56%)
- Blue (79%)



- Cyan (0%)
- Magenta (29%)
- Yellow (0%)
- Black (21%)



- Cyan (21%)
- Magenta (44%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 37.792, 325.500 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, 37.792, 325.500 by changing the saturation by 10% instead.

 67, 37.792,
325.500

 67, 37.792,
325.500


 100, 37.792,
325.500

 57, 37.792,
325.500

 87, 37.792,
325.500

 47, 37.792,
325.500

 97, 37.792,
325.500

 37, 37.792,
325.500

 27, 37.792,
325.500

 17, 37.792,
325.500

 7, 37.792, 325.500

 0, 37.792, 325.500

67, 37.792,
325.500

67, 37.792,
325.500

63, 50.604,
326.001

72, 24.634,
324.972

58, 62.699,
326.459

77, 11.417,
324.426

55, 73.605,
326.856

82, 1.666, 144.071

52, 82.809,
327.174

87, 14.492,
143.414

50, 89.846,
327.397

93, 26.987,
142.904

48, 94.441,
327.518

95, 32.991,
142.580


48, 96.791,
327.547

95, 32.920,
142.416

47, 97.037,

95, 32.849,
142.251

327.548

 95, 32.779,
142.086

Harmonies

Complementary

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



67, 37.792, 325.500



76, 37.756, 142.058

Rectangle

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



67, 37.792, 325.500



67, 37.792, 15.500



67, 37.792, 145.500



67, 37.792, 195.500

Sweetspot

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



67, 37.790, 325.500



94, 14.256, 324.450



62, 31.461, 292.375



49, 9.915, 324.531



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 37.790, 325.500



80, 53.904, 325.793



66, 27.686, 344.435



40, 7.498, 324.465



39, 83.772, 327.558



5, 28.874, 326.847

Inverse Universe

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



65, 23.583, 20.428



77, 34.431, 21.181



77, 26.875, 159.320



40, 4.368, 18.530



34, 74.846, 39.126



4, 17.916, 18.555

Previews

White Background



This preview shows how the CIELCh color 67, 37.792, 325.500 looks on a white background.

Color Contrast Check

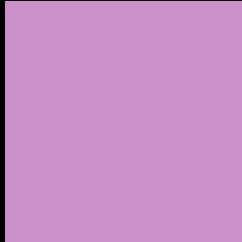
Large Text (above 18pt) WCAG AA × Fail

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, 37.792, 325.500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

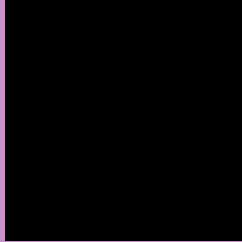
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 37.792, 325.500

Background



This preview shows how black text looks on a background with the CIELCh color 67, 37.792, 325.500.



This preview shows how white text looks on a background with the CIELCh color 67, 37.792, 325.500.

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





Tritanopia
67, 18.700, 0.700

Trichromacy



Original Color
67, 37.792, 325.500



Protanomaly
67, 30.875, 301.355



Deuteranomaly
67, 26.726, 309.418



Tritanomaly
67, 24.660, 341.644

Monochromacy



Original Color
67, 37.792, 325.500



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 14.019, 325.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 37.792, 325.500 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(201, 144, 202)` looks like.

```
.text, #text, p{  
    color:rgb(201, 144, 202)  
}
```

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(201, 144, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 144, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 37.792, 325.500 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(201, 144, 202) }
```

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

```
.border{ border-color:rgb(201, 144, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 144, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 144, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 144, 202);  
box-shadow:4px 4px 4px 4px rgb(201, 144,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 37.792, 325.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 144, 202) }
```

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

```
.background{ background-color: rgb(201,  
144, 202) }
```

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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