

Converting Colors

CIELCh(69, 16.108, 6.398)

Have a look what the booklet for
CIELCh(69, 16.108, 6.398) contains.

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Color

CIELCh(69, 16.137, 5.277)

Conversions

Conversions Part 1

Format	Color
Hex	C69EA6
RGB	198, 158, 166
RGB Percent	78%, 62%, 65%
CMY	0.2225, 0.3794, 0.3480
CMYK	0.00, 0.20, 0.16, 0.22
HSL	348°, 26%, 70%
HSV	348°, 20%, 78%
XYZ	42.5349, 39.3444, 41.5510
YIQ	170.8720, 21.2720, 10.9680

Conversions

Conversions Part 2

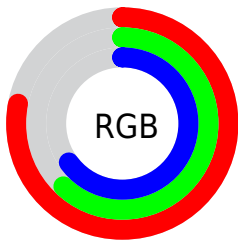
Format	Color
RYB	198, 158, 166
Decimal	13016742
CIELab	69.00, 16.07, 1.48
CIELCh	69, 16.137, 5.277
Yxy	39.3444, 0.3446, 0.3188
Android (android.graphics.Color)	4291206822 (0xFFC69EA6)
YUV	170.8720, -2.4019, 23.7913
Hunter-Lab	62.7251, 11.2747, 4.6321

Details

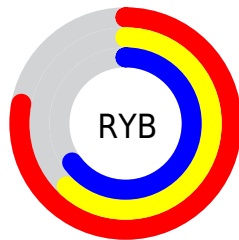
The CIELCh color **69, 16.137, 5.277** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77, 14.878, 181.461**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 15.972, 5.585**, and **49, 16.515, 5.193** is the 20% darker color. If you saturate the color by 10%, you get **64, 24.685, 6.609**, and if you desaturate by 10%, it is **74, 7.935, 4.150**.

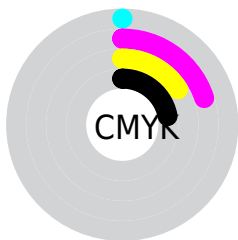
Distribution



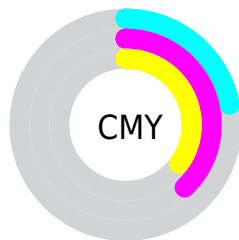
- Red (78%)
- Green (62%)
- Blue (65%)



- Red (78%)
- Yellow (62%)
- Blue (65%)



- Cyan (0%)
- Magenta (20%)
- Yellow (16%)
- Black (22%)



- Cyan (22%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 16.137, 5.277 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 69, 16.137, 5.277 by changing the saturation by 10% instead.

 69, 16.137, 5.277  69, 16.137, 5.277

 100, 16.137, 5.277  59, 16.137, 5.277

 89, 16.137, 5.277  49, 16.137, 5.277

 99, 16.137, 5.277  39, 16.137, 5.277

 29, 16.137, 5.277

 19, 16.137, 5.277

 9, 16.137, 5.277

 0, 16.137, 5.277

 69, 16.137, 5.277  69, 16.137, 5.277

 64, 24.685, 6.609  74, 7.935, 4.150



Harmonies

Complementary

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



69, 16.137, 5.277



77, 14.878, 181.461

Rectangle

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



69, 16.137, 5.277



69, 16.137, 55.277



69, 16.137, 185.277



69, 16.137, 235.277

Sweetspot

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



69, 16.135, 5.282



96, 5.676, 3.705



69, 24.889, 319.696



51, 3.772, 3.779



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 16.135, 5.282



84, 23.774, 5.808



72, 12.921, 50.272



39, 4.423, 4.064



34, 66.236, 28.901



3, 16.181, 9.161

Inverse Universe

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



69, 16.135, 5.282



84, 23.774, 5.808



74, 11.512, 233.331



39, 4.423, 4.064



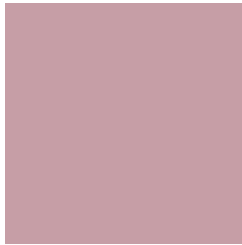
34, 66.236, 28.901



3, 16.181, 9.161

Previews

White Background



This preview shows how the CIELCh color 69, 16.137, 5.277 looks on a white background.

Color Contrast Check

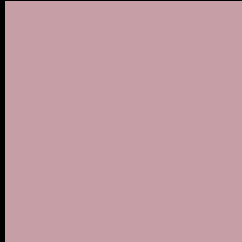
Large Text (above 18pt) WCAG AA × Fail

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 69, 16.137, 5.277 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 69, 16.137, 5.277

Background



This preview shows how black text looks on a background with the CIELCh color 69, 16.137, 5.277.



This preview shows how white text looks on a background with the CIELCh color 69, 16.137, 5.277.

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

69, 16.137, 5.277

Protanopia

69, 2.486, 317.322

Deuteranopia

69, 8.965, 13.184



Tritanopia
69, 17.093, 358.559

Trichromacy



Original Color
69, 16.137, 5.277

Protanomaly
69, 7.282, 353.206

Deuteranomaly
69, 11.458, 9.464

Tritanomaly
69, 16.924, 0.294

Monochromacy



Original Color
69, 16.137, 5.277

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 5.968, 3.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 16.137, 5.277 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(198, 158, 166)` looks like.

```
.text, #text, p{  
    color:rgb(198, 158, 166)  
}
```

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(198, 158, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 158, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 16.137, 5.277 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(198, 158, 166) }
```

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

```
.border{ border-color:rgb(198, 158, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 158, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 158, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 158, 166);  
box-shadow:4px 4px 4px 4px rgb(198, 158,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 16.137, 5.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 158, 166) }
```

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

```
.background{ background-color: rgb(198,  
158, 166) }
```

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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