

Converting Colors

CIELCh(69, 28.595, 128.643)

Have a look what the booklet for
CIELCh(69, 28.595, 128.643)
contains.

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Color

CIELCh(69, 29.021, 128.484)

Conversions

Conversions Part 1

Format	Color
Hex	97B17F
RGB	151, 177, 127
RGB Percent	59%, 69%, 50%
CMY	0.4094, 0.3075, 0.5035
CMYK	0.15, 0.00, 0.28, 0.31
HSL	91°, 24%, 59%
HSV	91°, 28%, 69%
XYZ	32.1338, 39.3444, 25.8462
YIQ	163.5260, 0.5540, -21.0620

Conversions

Conversions Part 2

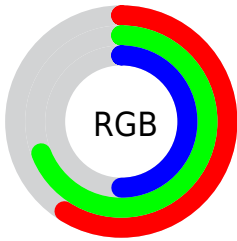
Format	Color
RYB	127, 177, 153
Decimal	9941375
CIELab	69.00, -18.06, 22.72
CIElCh	69, 29.021, 128.484
Yxy	39.3444, 0.3302, 0.4043
Android (android.graphics.Color)	4288131455 (0xFF97B17F)
YUV	163.5260, -18.0073, -10.9853
Hunter-Lab	62.7251, -18.3241, 19.4769

Details

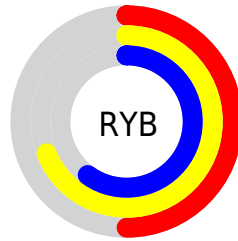
The CIELCh color **69, 29.021, 128.484** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **57, 30.117, 311.086**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 29.173, 128.357**, and **49, 29.098, 128.494** is the 20% darker color. If you saturate the color by 10%, you get **68, 39.095, 128.008**, and if you desaturate by 10%, it is **70, 18.792, 128.963**.

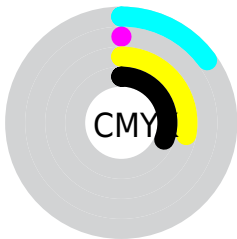
Distribution



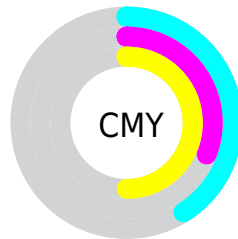
- Red (59%)
- Green (69%)
- Blue (50%)



- Red (50%)
- Yellow (69%)
- Blue (60%)



- Cyan (15%)
- Magenta (0%)
- Yellow (28%)
- Black (31%)



- Cyan (41%)
- Magenta (31%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 29.021, 128.484 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, 29.021, 128.484 by changing the saturation by 10% instead.

 69, 29.021,
128.484

 69, 29.021,
128.484

 100, 29.021,
128.484

 59, 29.021,
128.484

 89, 29.021,
128.484

 49, 29.021,
128.484

 99, 29.021,
128.484

 39, 29.021,
128.484

 29, 29.021,
128.484

 19, 29.021,
128.484

 9, 29.021, 128.484

 0, 29.021, 128.484

69, 29.021,
128.484

69, 29.021,
128.484

68, 39.095,
128.008

70, 18.792,
128.963

67, 48.854,
127.562

71, 8.511, 129.426

67, 58.080,
127.202

72, 1.745, 309.772

66, 66.459,
127.008

74, 11.922,
310.217

65, 73.589,
127.093

75, 21.981,
310.574

65, 79.045,
127.580

76, 31.895,
310.893


64, 82.730,
128.489

78, 41.647,
311.177

64, 83.299,

79, 44.897,
314.038

128.640

 80, 45.935,
317.780

Harmonies

Complementary

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



69, 29.021, 128.484



57, 30.117, 311.086

Rectangle

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



69, 29.021, 128.484



69, 29.021, 178.484



69, 29.021, 308.484



69, 29.021, 358.484

Sweetspot

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



69, 29.023, 128.486



90, 10.148, 129.433



64, 17.608, 73.672



48, 7.207, 129.366



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 29.023, 128.486



87, 43.038, 128.184



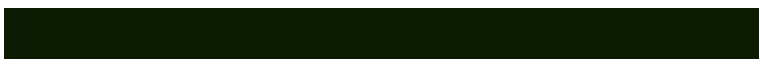
68, 33.178, 142.959



37, 5.858, 129.379



56, 74.805, 128.454



7, 14.563, 133.316

Inverse Universe

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



57, 30.117, 311.086



69, 45.066, 311.410



59, 33.182, 326.415



35, 5.934, 310.160



24, 84.727, 312.530



1, 13.887, 305.898

Previews

White Background



This preview shows how the CIELCh color 69, 29.021, 128.484 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, 29.021, 128.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

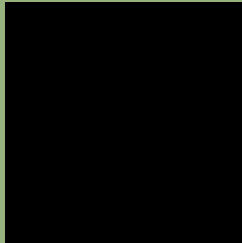
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 29.021, 128.484

Background



This preview shows how black text looks on a background with the CIELCh color 69, 29.021, 128.484.

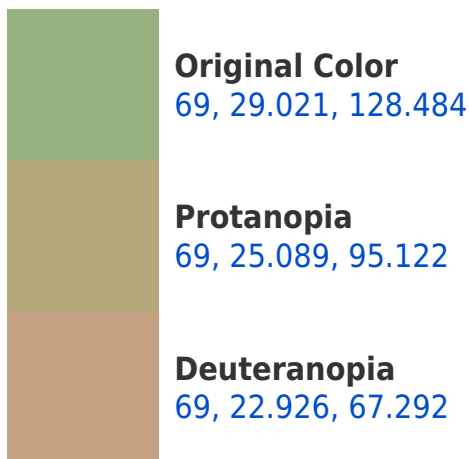


This preview shows how white text looks on a background with the CIELCh color 69, 29.021, 128.484.

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
69, 8.413, 265.692

Trichromacy



Original Color
69, 29.021, 128.484

Protanomaly
69, 25.475, 108.489

Deuteranomaly
69, 21.431, 93.481

Tritanomaly
69, 8.206, 156.838

Monochromacy



Original Color
69, 29.021, 128.484

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 10.644, 130.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 29.021, 128.484 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(151, 177, 127)` looks like.

```
.text, #text, p{  
    color:rgb(151, 177, 127)  
}
```

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(151, 177, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 177, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 29.021, 128.484 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(151, 177, 127) }
```

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

```
.border{ border-color:rgb(151, 177, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 177, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 177, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 177, 127);  
box-shadow:4px 4px 4px 4px rgb(151, 177,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 29.021, 128.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 177, 127) }
```

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

```
.background{ background-color: rgb(151,  
177, 127) }
```

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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