

Converting Colors

CIELCh(68, 29.734, 131.217)

Have a look what the booklet for
CIELCh(68, 29.734, 131.217)
contains.

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Color

CIELCh(68, 29.714, 131.205)

Conversions

Conversions Part 1

Format	Color
Hex	91AF7D
RGB	145, 175, 125
RGB Percent	57%, 69%, 49%
CMY	0.4328, 0.3152, 0.5112
CMYK	0.17, 0.00, 0.29, 0.32
HSL	96°, 24%, 59%
HSV	96°, 29%, 68%
XYZ	30.5485, 37.9720, 25.0024
YIQ	160.3300, -1.8300, -21.9100

Conversions

Conversions Part 2

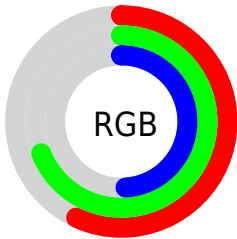
Format	Color
RYB	125, 175, 155
Decimal	9547645
CIELab	68.00, -19.57, 22.36
CIELCh	68, 29.714, 131.205
Yxy	37.9720, 0.3266, 0.4060
Android (android.graphics.Color)	4287737725 (0xFF91AF7D)
YUV	160.3300, -17.4177, -13.4444
Hunter-Lab	61.6215, -19.3471, 19.0786

Details

The CIELCh color **68, 29.714, 131.205** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **57, 30.622, 313.729**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 29.955, 131.584**, and **48, 29.183, 131.098** is the 20% darker color. If you saturate the color by 10%, you get **67, 39.933, 130.714**, and if you desaturate by 10%, it is **69, 19.345, 131.688**.

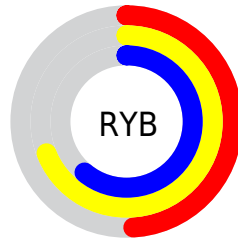
Distribution



Red (57%)

Green (69%)

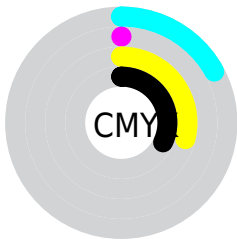
Blue (49%)



Red (49%)

Yellow (69%)

Blue (61%)

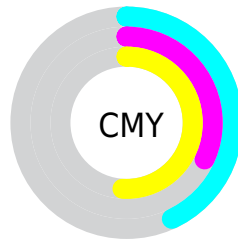


Cyan (17%)

Magenta (0%)

Yellow (29%)

Black (32%)



Cyan (43%)


Magenta (32%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 29.714, 131.205 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 68, 29.714, 131.205 by changing the saturation by 10% instead.

 68, 29.714,
131.205


 68, 29.714,
131.205


 100, 29.714,
131.205


 58, 29.714,
131.205


 88, 29.714,
131.205

 48, 29.714,
131.205


 98, 29.714,
131.205

 38, 29.714,
131.205

 28, 29.714,
131.205

 18, 29.714,
131.205

 8, 29.714, 131.205

 0, 29.714, 131.205

68, 29.714,
131.205

68, 29.714,
131.205

67, 39.933,
130.714

69, 19.345,
131.688

66, 49.834,
130.240

70, 8.935, 132.145

65, 59.188,
129.838

72, 1.432, 312.446

65, 67.676,
129.589

73, 11.697,
312.900

64, 74.891,
129.605

74, 21.820,
313.237

64, 80.403,
130.011

76, 31.772,
313.531


63, 84.145,
130.807

77, 41.535,
313.789

63, 84.616,

79, 46.603,
316.141

130.908

 80, 47.893,
320.227

Harmonies

Complementary

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



68, 29.714, 131.205



57, 30.622, 313.729

Rectangle

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



68, 29.714, 131.205



68, 29.714, 181.205



68, 29.714, 311.205



68, 29.714, 1.205

Sweetspot

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



68, 29.716, 131.206



89, 11.544, 132.121



65, 18.644, 81.729



47, 8.091, 132.057



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 29.716, 131.206



85, 43.597, 130.912



67, 31.386, 145.261



36, 5.834, 132.115



55, 75.670, 130.725



6, 12.568, 134.900

Inverse Universe

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



57, 30.622, 313.729



69, 45.226, 314.004



59, 31.423, 328.912



34, 5.897, 312.857



25, 82.290, 314.586



1, 12.060, 309.214

Previews

White Background



This preview shows how the CIELCh color 68, 29.714, 131.205 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 CIE LCh color 68, 29.714, 131.205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

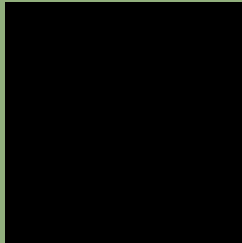
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 29.714, 131.205

Background



This preview shows how black text looks on a background with the CIELCh color 68, 29.714, 131.205.

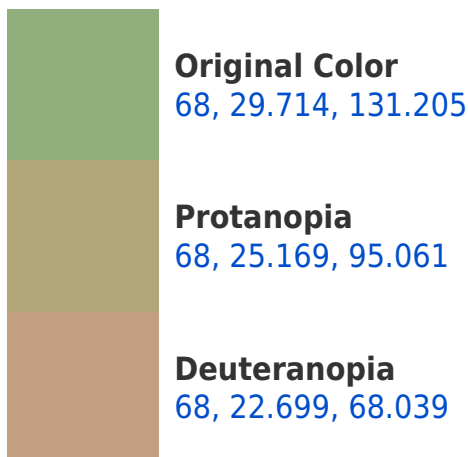


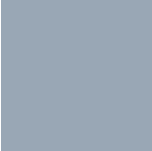
This preview shows how white text looks on a background with the CIELCh color 68, 29.714, 131.205.

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
68, 9.086, 257.550

Trichromacy



Original Color
68, 29.714, 131.205

Protanomaly
68, 25.558, 110.312

Deuteranomaly
68, 21.276, 95.621

Tritanomaly
68, 9.048, 165.463

Monochromacy



Original Color
68, 29.714, 131.205

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 10.834, 132.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 29.714, 131.205 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(145, 175, 125)` looks like.

```
.text, #text, p{  
    color:rgb(145, 175, 125)  
}
```

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(145, 175, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 175, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 29.714, 131.205 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(145, 175, 125) }
```

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

```
.border{ border-color:rgb(145, 175, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 175, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 175, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 175, 125);  
box-shadow:4px 4px 4px 4px rgb(145, 175,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 29.714, 131.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 175, 125) }
```

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

```
.background{ background-color: rgb(145,  
175, 125) }
```

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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