

Converting Colors

CIELCh(69, 28.514, 301.813)

Have a look what the booklet for
CIELCh(69, 28.514, 301.813)
contains.

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Color

CIELCh(69, 28.514, 301.813)

Conversions

Conversions Part 1

Format	Color
Hex	AEA1D4
RGB	174, 161, 212
RGB Percent	68%, 63%, 83%
CMY	0.3168, 0.3678, 0.1678
CMYK	0.18, 0.24, 0.00, 0.17
HSL	255°, 37%, 73%
HSV	255°, 24%, 83%
XYZ	42.1897, 39.3444, 67.7950
YIQ	170.7010, -8.6230, 18.6170

Conversions

Conversions Part 2

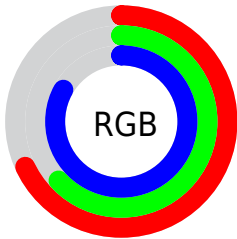
Format	Color
RYB	174, 161, 212
Decimal	11444692
CIELab	69.00, 15.03, -24.23
CIElCh	69, 28.514, 301.813
Yxy	39.3444, 0.2825, 0.2635
Android (android.graphics.Color)	4289634772 (0xFFAEA1D4)
YUV	170.7010, 20.3604, 2.8932
Hunter-Lab	62.7251, 10.2923, -20.1747

Details

The CIELCh color $69, 28.514, 301.813$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $83, 27.132, 118.600$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 21.004, 304.858$, and $49, 28.668, 302.155$ is the 20% darker color. If you saturate the color by 10%, you get $62, 41.106, 302.697$, and if you desaturate by 10%, it is $76, 16.348, 301.029$.

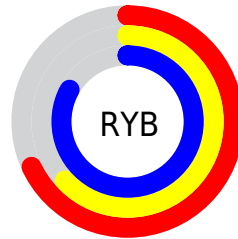
Distribution



Red (68%)

Green (63%)

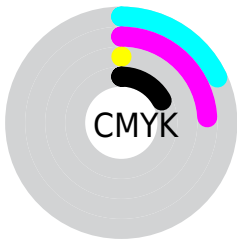
Blue (83%)



Red (68%)

Yellow (63%)

Blue (83%)

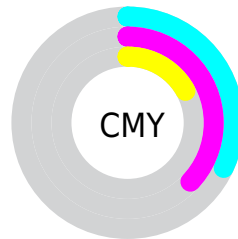


Cyan (18%)

Magenta (24%)

Yellow (0%)

Black (17%)



Cyan (32%)


Magenta (37%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 28.514, 301.813 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, 28.514, 301.813 by changing the saturation by 10% instead.


 69, 28.514,
301.813


 69, 28.514,
301.813


 100, 28.514,
301.813


 59, 28.514,
301.813


 89, 28.514,
301.813

 49, 28.514,
301.813


 99, 28.514,
301.813

 39, 28.514,
301.813

 29, 28.514,
301.813

 19, 28.514,
301.813

 9, 28.514, 301.813

 0, 28.514, 301.813

69, 28.514,
301.813

69, 28.514,
301.813

62, 41.106,
302.697

76, 16.348,
301.029

56, 54.077,
303.678

82, 4.622, 300.340

89, 6.679, 119.758

49, 67.282,
304.729

96, 17.576,
119.242

43, 80.400,
305.795

99, 21.635,
110.251

38, 92.802,
306.769

99, 21.620,
108.540

33, 103.428,
307.482

30, 110.926,
307.732

28, 113.994,

Harmonies

Complementary

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



69, 28.514, 301.813



83, 27.132, 118.600

Rectangle

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



69, 28.514, 301.813



69, 28.514, 351.813



69, 28.514, 121.813



69, 28.514, 171.813

Sweetspot

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



69, 28.512, 301.812



95, 9.347, 300.541



78, 14.402, 227.043



50, 6.080, 300.582



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, 28.512, 301.812



78, 40.312, 302.266



71, 31.018, 318.329



41, 6.606, 300.701



22, 96.831, 307.835



2, 27.957, 300.365

Inverse Universe

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



72, 27.791, 334.139



82, 38.908, 334.525



81, 30.571, 136.136



42, 6.568, 333.109



38, 70.534, 341.594



6, 27.326, 338.619

Previews

White Background



This preview shows how the CIELCh color 69, 28.514, 301.813 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, 28.514, 301.813 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, 28.514, 301.813

Background



This preview shows how black text looks on a background with the CIELCh color 69, 28.514, 301.813.



This preview shows how white text looks on a background with the CIELCh color 69, 28.514, 301.813.

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, 28.514, 301.813

Protanopia

69, 27.038, 285.201

Deuteranopia

69, 25.289, 291.165



Tritanopia
69, 7.197, 296.754

Trichromacy



Original Color
69, 28.514, 301.813

Protanomaly
69, 27.476, 291.506

Deuteranomaly
69, 25.898, 294.965

Tritanomaly
69, 15.046, 299.834

Monochromacy



Original Color
69, 28.514, 301.813

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 10.623, 301.052

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 28.514, 301.813 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(174, 161, 212)` looks like.

```
.text, #text, p{  
    color:rgb(174, 161, 212)  
}
```

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(174, 161, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 161, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 28.514, 301.813 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(174, 161, 212) }
```

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

```
.border{ border-color:rgb(174, 161, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 161, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 161, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 161, 212);  
box-shadow:4px 4px 4px 4px rgb(174, 161,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 28.514, 301.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 161, 212) }
```

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

```
.background{ background-color: rgb(174,  
161, 212) }
```

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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