

Converting Colors

CIELCh(69, 27.677, 79.252)

Have a look what the booklet for
CIELCh(69, 27.677, 79.252) contains.

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Color

CIELCh(69, 28.057, 79.564)

Conversions

Conversions Part 1

Format	Color
Hex	C3A477
RGB	195, 164, 119
RGB Percent	76%, 64%, 47%
CMY	0.2364, 0.3579, 0.5343
CMYK	0.00, 0.16, 0.39, 0.24
HSL	36°, 39%, 61%
HSV	36°, 39%, 76%
XYZ	38.9735, 39.3444, 22.9119
YIQ	168.1390, 32.9210, -7.4230

Conversions

Conversions Part 2

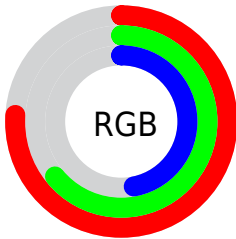
Format	Color
RYB	171, 195, 119
Decimal	12821623
CIELab	69.00, 5.08, 27.59
CIELCh	69, 28.057, 79.564
Yxy	39.3444, 0.3850, 0.3887
Android (android.graphics.Color)	4291011703 (0xFFC3A477)
YUV	168.1390, -24.2255, 23.5571
Hunter-Lab	62.7251, 1.1400, 22.2505

Details

The CIELCh color **69, 28.057, 79.564** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **61, 26.717, 271.365**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 27.972, 79.342**, and **49, 27.954, 78.920** is the 20% darker color. If you saturate the color by 10%, you get **67, 35.724, 78.169**, and if you desaturate by 10%, it is **71, 20.554, 80.932**.

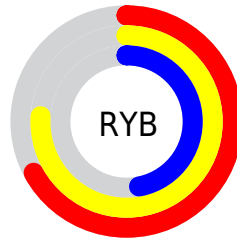
Distribution



Red (76%)

Green (64%)

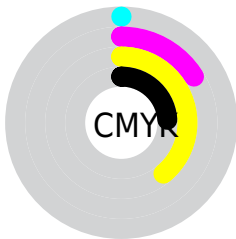
Blue (47%)



Red (67%)

Yellow (76%)

Blue (47%)

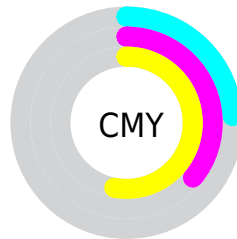


Cyan (0%)

Magenta (16%)

Yellow (39%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 28.057, 79.564 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, 28.057, 79.564 by changing the saturation by 10% instead.

■ 69, 28.057, 79.564

■ 69, 28.057, 79.564

■ 100, 28.057,
79.564

■ 59, 28.057, 79.564

■ 89, 28.057, 79.564

■ 49, 28.057, 79.564

■ 99, 28.057, 79.564

■ 39, 28.057, 79.564

■ 29, 28.057, 79.564

■ 19, 28.057, 79.564

■ 9, 28.057, 79.564

■ 0, 28.057, 79.564

■ 69, 28.057, 79.564

■ 69, 28.057, 79.564

■ 67, 35.724, 78.169

■ 71, 20.554, 80.932

64, 43.444, 76.717

74, 13.259, 82.255

62, 50.989, 75.173

76, 6.185, 83.525

60, 57.928, 73.448

79, 0.674, 265.256

58, 63.554, 71.368

82, 7.329, 266.074

56, 67.333, 68.786

84, 13.800,
267.216

56, 67.699, 68.541

87, 20.081,
268.290

89, 17.628,
254.424

91, 16.443,
237.602

Harmonies

Complementary

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



69, 28.057, 79.564



61, 26.717, 271.365

Rectangle

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



69, 28.057, 79.564



69, 28.057, 129.564



69, 28.057, 259.564



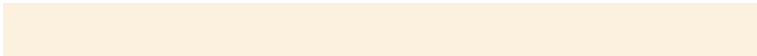
69, 28.057, 309.564

Sweetspot

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



69, 28.057, 79.569



95, 10.217, 83.131



59, 34.260, 352.631



51, 6.847, 82.962



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, 28.057, 79.569



85, 42.228, 78.351



77, 39.891, 110.215



40, 3.876, 83.482



47, 58.648, 69.070



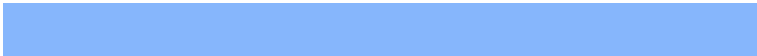
7, 11.847, 69.280

Inverse Universe

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



61, 26.717, 271.365



73, 39.813, 273.506



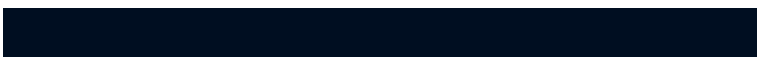
53, 44.001, 297.826



39, 3.842, 265.991



30, 60.318, 291.413



4, 14.093, 275.964

Previews

White Background



This preview shows how the CIELCh color 69, 28.057, 79.564 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, 28.057, 79.564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

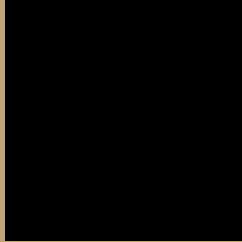
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 28.057, 79.564

Background



This preview shows how black text looks on a background with the CIELCh color 69, 28.057, 79.564.



This preview shows how white text looks on a background with the CIELCh color 69, 28.057, 79.564.

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, 28.057, 79.564

Protanopia

69, 26.237, 94.579

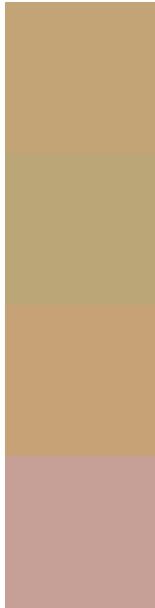
Deuteranopia

69, 28.949, 71.580



Tritanopia
69, 17.839, 359.633

Trichromacy



Original Color
69, 28.057, 79.564

Protanomaly
69, 26.654, 88.119

Deuteranomaly
69, 28.584, 74.181

Tritanomaly
69, 16.350, 36.125

Monochromacy



Original Color
69, 28.057, 79.564

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 9.969, 80.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 28.057, 79.564 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(195, 164, 119)` looks like.

```
.text, #text, p{  
    color:rgb(195, 164, 119)  
}
```

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(195, 164, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 164, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 28.057, 79.564 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(195, 164, 119) }
```

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

```
.border{ border-color:rgb(195, 164, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 164, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 164, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 164, 119); box-shadow:4px 4px 4px 4px rgb(195, 164, 119) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 28.057, 79.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 164, 119) }
```

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

```
.background{ background-color: rgb(195,  
164, 119) }
```

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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