

Converting Colors

CIELCh(67, 28.043, 40.605)

Have a look what the booklet for
CIELCh(67, 28.043, 40.605) contains.

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Color

CIELCh(67, 28.031, 40.833)

Conversions

Conversions Part 1

Format	Color
Hex	D29483
RGB	210, 148, 131
RGB Percent	82%, 58%, 51%
CMY	0.1755, 0.4187, 0.4854
CMYK	0.00, 0.29, 0.38, 0.18
HSL	13°, 47%, 67%
HSV	13°, 38%, 82%
XYZ	41.3841, 36.6320, 26.4396
YIQ	164.6000, 42.4090, 7.8570

Conversions

Conversions Part 2

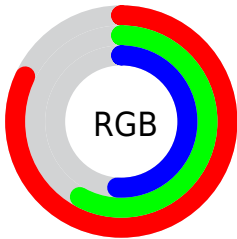
Format	Color
R _Y B	210, 153, 131
Decimal	13800579
CIE Lab	67.00, 21.21, 18.33
CIE LCh	67, 28.031, 40.833
Yxy	36.6320, 0.3962, 0.3507
Android (android.graphics.Color)	4291990659 (0xFFD29483)
YUV	164.6000, -16.5648, 39.8158
Hunter-Lab	60.5244, 16.1336, 16.4667

Details

The CIELCh color **67, 28.031, 40.833** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75, 21.489, 223.617**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 22.920, 44.792**, and **47, 28.082, 40.400** is the 20% darker color. If you saturate the color by 10%, you get **63, 36.966, 41.095**, and if you desaturate by 10%, it is **71, 19.734, 40.761**.

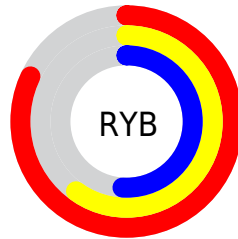
Distribution



Red (82%)

Green (58%)

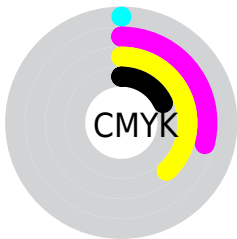
Blue (51%)



Red (82%)

Yellow (60%)

Blue (51%)

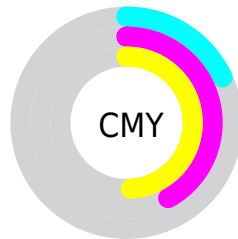


Cyan (0%)

Magenta (29%)

Yellow (38%)

Black (18%)



Cyan (18%)

Magenta (42%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 28.031, 40.833 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 67, 28.031, 40.833 by changing the saturation by 10% instead.

67, 28.031, 40.833

67, 28.031, 40.833

100, 28.031,
40.833

57, 28.031, 40.833

87, 28.031, 40.833

47, 28.031, 40.833

97, 28.031, 40.833

37, 28.031, 40.833

27, 28.031, 40.833

17, 28.031, 40.833

7, 28.031, 40.833

0, 28.031, 40.833

67, 28.031, 40.833

67, 28.031, 40.833

63, 36.966, 41.095

71, 19.734, 40.761

59, 46.502, 41.560

76, 12.070, 40.821

55, 56.505, 42.236

81, 4.998, 40.948

52, 66.653, 43.043

85, 1.531, 221.703

49, 76.213, 43.710

90, 7.575, 221.752

47, 83.808, 43.700

95, 12.846,
216.914

46, 85.483, 43.769

97, 14.922,
198.512

Harmonies

Complementary

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



67, 28.031, 40.833



75, 21.489, 223.617

Rectangle

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



67, 28.031, 40.833



67, 28.031, 90.833



67, 28.031, 220.833



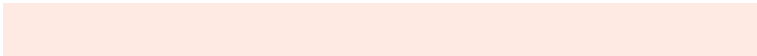
67, 28.031, 270.833

Sweetspot

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



67, 28.030, 40.839



94, 8.598, 40.905



65, 44.565, 332.976



49, 5.810, 40.886



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 28.030, 40.839



76, 40.540, 41.025



77, 31.144, 88.898



42, 3.749, 40.928



37, 72.047, 44.173



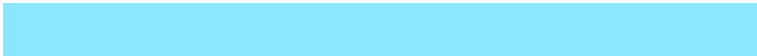
6, 17.627, 31.408

Inverse Universe

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



75, 21.489, 223.617



87, 29.052, 224.553



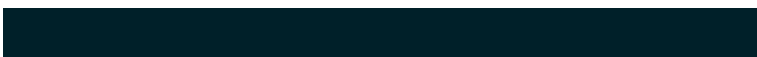
64, 31.406, 279.765



43, 3.539, 221.691



51, 32.445, 238.560



11, 12.203, 229.520

Previews

White Background



This preview shows how the CIELCh color 67, 28.031, 40.833 looks on a white background.

Color Contrast Check

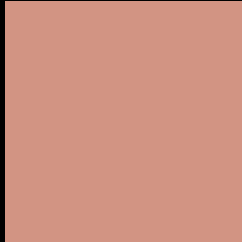
Large Text (above 18pt) WCAG AA × Fail

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 67, 28.031, 40.833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

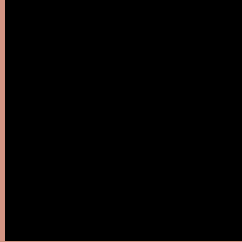
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 28.031, 40.833

Background



This preview shows how black text looks on a background with the CIELCh color 67, 28.031, 40.833.



This preview shows how white text looks on a background with the CIELCh color 67, 28.031, 40.833.

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
67, 27.621, 9.779

Trichromacy



Original Color
67, 28.031, 40.833

Protanomaly
67, 16.827, 65.653

Deuteranomaly
67, 22.976, 55.328

Tritanomaly
67, 26.844, 20.902

Monochromacy



Original Color
67, 28.031, 40.833

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 9.316, 40.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 28.031, 40.833 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(210, 148, 131)` looks like.

```
.text, #text, p{  
    color:rgb(210, 148, 131)  
}
```

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(210, 148, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 148, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 28.031, 40.833 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(210, 148, 131) }
```

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

```
.border{ border-color:rgb(210, 148, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 148, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 148, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 148, 131);  
box-shadow:4px 4px 4px 4px rgb(210, 148,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 28.031, 40.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 148, 131) }
```

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

```
.background{ background-color: rgb(210,  
148, 131) }
```

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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