

Converting Colors

CIELCh(69, 28.347, 85.399)

Have a look what the booklet for
CIELCh(69, 28.347, 85.399) contains.

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Color

CIELCh(69, 28.347, 85.399)

Conversions

Conversions Part 1

Format	Color
Hex	BEA575
RGB	190, 165, 117
RGB Percent	75%, 65%, 46%
CMY	0.2533, 0.3514, 0.5397
CMYK	0.00, 0.13, 0.38, 0.25
HSL	39°, 36%, 60%
HSV	39°, 38%, 75%
XYZ	38.0963, 39.3444, 22.5310
YIQ	167.0030, 30.3080, -9.6280

Conversions

Conversions Part 2

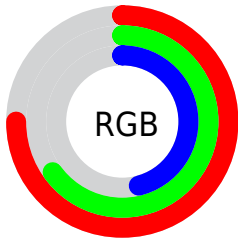
Format	Color
RYB	155, 190, 117
Decimal	12494197
CIELab	69.00, 2.27, 28.26
CIELCh	69, 28.347, 85.399
Yxy	39.3444, 0.3811, 0.3936
Android (android.graphics.Color)	4290684277 (0xFFBEA575)
YUV	167.0030, -24.6515, 20.1684
Hunter-Lab	62.7251, -1.3565, 22.6104

Details

The CIELCh color **69, 28.347, 85.399** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **59, 28.015, 276.717**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 28.093, 85.630**, and **49, 28.185, 85.200** is the 20% darker color. If you saturate the color by 10%, you get **67, 36.006, 84.012**, and if you desaturate by 10%, it is **71, 20.754, 86.755**.

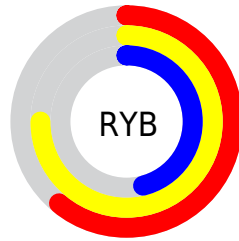
Distribution



Red (75%)

Green (65%)

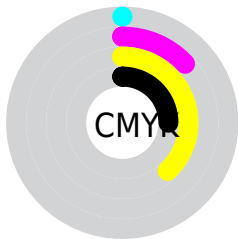
Blue (46%)



Red (61%)

Yellow (75%)

Blue (46%)

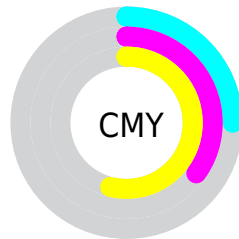


Cyan (0%)

Magenta (13%)

Yellow (38%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 28.347, 85.399 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, 28.347, 85.399 by changing the saturation by 10% instead.

■ 69, 28.347, 85.399

■ 69, 28.347, 85.399

■ 100, 28.347,
85.399

■ 59, 28.347, 85.399

■ 89, 28.347, 85.399

■ 49, 28.347, 85.399

■ 99, 28.347, 85.399

■ 39, 28.347, 85.399

■ 29, 28.347, 85.399

■ 19, 28.347, 85.399

■ 9, 28.347, 85.399

■ 0, 28.347, 85.399

■ 69, 28.347, 85.399

■ 69, 28.347, 85.399

■ 67, 36.006, 84.012

■ 71, 20.754, 86.755

65, 43.602, 82.568

73, 13.289, 88.064

63, 50.887, 81.046

75, 5.978, 89.315

61, 57.429, 79.377

77, 1.172, 270.788

60, 62.556, 77.437

80, 8.166, 271.794

58, 65.743, 75.092

82, 15.013,
272.910

58, 66.233, 74.710

84, 21.723,
273.983

86, 21.225,
267.445

88, 19.152,
256.865

Harmonies

Complementary

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



69, 28.347, 85.399



59, 28.015, 276.717

Rectangle

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



69, 28.347, 85.399



69, 28.347, 135.399



69, 28.347, 265.399



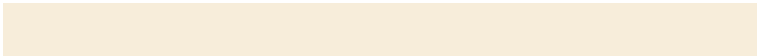
69, 28.347, 315.399

Sweetspot

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



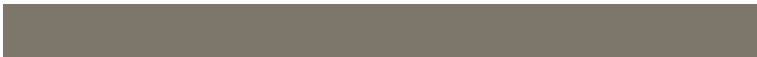
69, 28.348, 85.404



94, 10.667, 88.845



58, 32.115, 356.981



50, 7.144, 88.679



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 28.348, 85.404



85, 42.318, 84.240



75, 38.740, 113.226



39, 4.030, 89.196



48, 57.726, 75.158



7, 10.958, 78.176

Inverse Universe

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



59, 28.015, 276.717



71, 41.826, 278.673



53, 42.494, 299.778



37, 4.025, 271.635



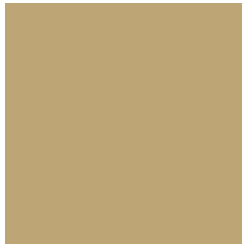
27, 66.589, 295.629



3, 13.364, 278.376

Previews

White Background



This preview shows how the CIELCh color 69, 28.347, 85.399 looks on a white background.

Color Contrast Check

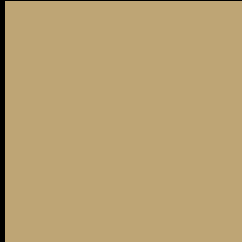
Large Text (above 18pt) WCAG AA × Fail

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 69, 28.347, 85.399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

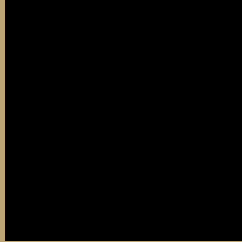
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 28.347, 85.399

Background



This preview shows how black text looks on a background with the CIELCh color 69, 28.347, 85.399.



This preview shows how white text looks on a background with the CIELCh color 69, 28.347, 85.399.

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, 28.347, 85.399

Protanopia

69, 27.284, 94.931

Deuteranopia

69, 29.405, 72.105



Tritanopia
69, 16.220, 355.014

Trichromacy



Original Color
69, 28.347, 85.399

Protanomaly
69, 27.756, 91.481

Deuteranomaly
69, 28.764, 77.302

Tritanomaly
69, 14.388, 42.644

Monochromacy



Original Color
69, 28.347, 85.399

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 10.116, 86.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 28.347, 85.399 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(190, 165, 117)` looks like.

```
.text, #text, p{  
    color:rgb(190, 165, 117)  
}
```

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(190, 165, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 165, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 28.347, 85.399 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(190, 165, 117) }
```

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

```
.border{ border-color:rgb(190, 165, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 165, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 165, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 165, 117);  
box-shadow:4px 4px 4px 4px rgb(190, 165,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 28.347, 85.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 165, 117) }
```

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

```
.background{ background-color: rgb(190,  
165, 117) }
```

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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