

Converting Colors

CIELCh(69, 29.698, 87.070)

Have a look what the booklet for
CIELCh(69, 29.698, 87.070) contains.

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Color

CIELCh(69, 29.665, 87.097)

Conversions

Conversions Part 1

Format	Color
Hex	BEA673
RGB	190, 166, 115
RGB Percent	75%, 65%, 45%
CMY	0.2558, 0.3499, 0.5498
CMYK	0.00, 0.13, 0.40, 0.26
HSL	41°, 36%, 60%
HSV	41°, 40%, 74%
XYZ	37.8576, 39.3444, 21.7565
YIQ	167.3620, 30.6750, -10.7730

Conversions

Conversions Part 2

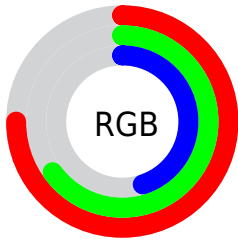
Format	Color
RYB	150, 190, 115
Decimal	12494451
CIELab	69.00, 1.50, 29.63
CIELCh	69, 29.665, 87.097
Yxy	39.3444, 0.3826, 0.3976
Android (android.graphics.Color)	4290684531 (0xFFBEA673)
YUV	167.3620, -25.8145, 19.8535
Hunter-Lab	62.7251, -2.0357, 23.3425

Details

The CIELCh color **69, 29.665, 87.097** is a light color, and the websafe version is hex **999966**. A complement of this color would be **58, 29.656, 278.687**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 29.848, 87.580**, and **49, 29.546, 86.937** is the 20% darker color. If you saturate the color by 10%, you get **67, 37.366, 85.720**, and if you desaturate by 10%, it is **71, 21.985, 88.443**.

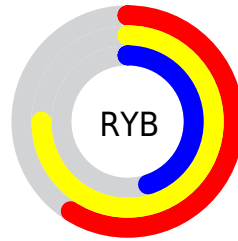
Distribution



Red (75%)

Green (65%)

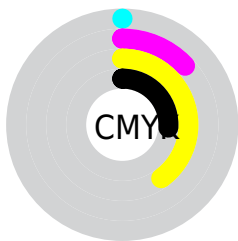
Blue (45%)



Red (59%)

Yellow (75%)

Blue (45%)

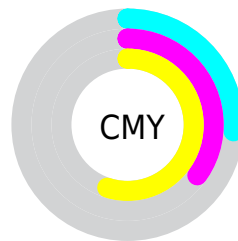


Cyan (0%)

Magenta (13%)

Yellow (40%)

Black (26%)



Cyan (26%)

Magenta (35%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 29.665, 87.097 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, 29.665, 87.097 by changing the saturation by 10% instead.

■ 69, 29.665, 87.097

■ 69, 29.665, 87.097

■ 100, 29.665,
87.097

■ 59, 29.665, 87.097

■ 89, 29.665, 87.097

■ 49, 29.665, 87.097

■ 99, 29.665, 87.097

■ 39, 29.665, 87.097

■ 29, 29.665, 87.097

■ 19, 29.665, 87.097

■ 9, 29.665, 87.097

■ 0, 29.665, 87.097

■ 69, 29.665, 87.097

■ 69, 29.665, 87.097

■ 67, 37.366, 85.720

■ 71, 21.985, 88.443

65, 44.938, 84.288

73, 14.401, 89.744

64, 52.108, 82.778

75, 6.947, 90.992

62, 58.407, 81.128

77, 0.365, 272.856

60, 63.150, 79.217

79, 7.533, 273.447

59, 66.021, 76.964

81, 14.564,
274.554

59, 66.160, 76.856

83, 21.466,
275.619

85, 22.535,
271.427

87, 20.323,
262.573

Harmonies

Complementary

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



69, 29.665, 87.097



58, 29.656, 278.687

Rectangle

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



69, 29.665, 87.097



69, 29.665, 137.097



69, 29.665, 267.097



69, 29.665, 317.097

Sweetspot

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



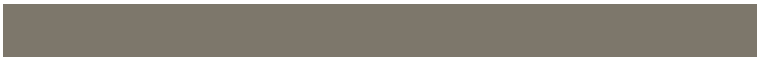
69, 29.666, 87.102



94, 10.904, 90.664



57, 32.799, 358.318



50, 7.302, 90.500



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, 29.666, 87.102



86, 43.963, 85.964



74, 39.815, 113.876



39, 4.121, 91.011



49, 57.824, 77.266



7, 11.197, 80.823

Inverse Universe

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



58, 29.656, 278.687



69, 44.101, 280.617



52, 43.771, 300.435



37, 4.126, 273.418



26, 69.023, 296.902



3, 13.610, 279.411

Previews

White Background



This preview shows how the CIELCh color 69, 29.665, 87.097 looks on a white background.

Color Contrast Check

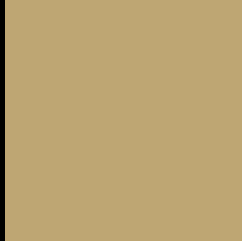
Large Text (above 18pt) WCAG AA × Fail

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, 29.665, 87.097 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, 29.665, 87.097

Background



This preview shows how black text looks on a background with the CIELCh color 69, 29.665, 87.097.



This preview shows how white text looks on a background with the CIELCh color 69, 29.665, 87.097.

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, 29.665, 87.097

Protanopia

69, 28.852, 95.396

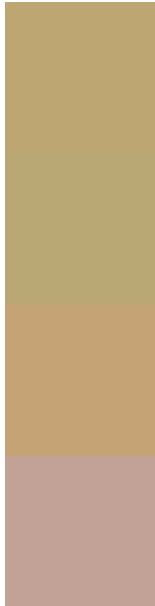
Deuteranopia

69, 30.326, 73.102



Tritanopia
69, 15.644, 356.159

Trichromacy



Original Color
69, 29.665, 87.097

Protanomaly
69, 28.791, 91.906

Deuteranomaly
69, 29.724, 78.163

Tritanomaly
69, 14.388, 42.644

Monochromacy



Original Color
69, 29.665, 87.097

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 10.865, 92.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 29.665, 87.097 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, 166, 115)` looks like.

```
.text, #text, p{  
    color:rgb(190, 166, 115)  
}
```

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, 166, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 166, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 29.665, 87.097 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, 166, 115) }
```

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

```
.border{ border-color:rgb(190, 166, 115) }
```

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

Here you see how a box with a 4 pixel rgb(190, 166, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 166, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 166, 115);  
box-shadow:4px 4px 4px 4px rgb(190, 166,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 29.665, 87.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 166, 115) }
```

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

```
.background{ background-color: rgb(190,  
166, 115) }
```

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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