

Converting Colors

CIELCh(69, 33.774, 86.595)

Have a look what the booklet for
CIELCh(69, 33.774, 86.595) contains.

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Color

CIELCh(69, 33.713, 86.624)

Conversions

Conversions Part 1

Format	Color
Hex	C0A56B
RGB	192, 165, 107
RGB Percent	75%, 65%, 42%
CMY	0.2457, 0.3517, 0.5792
CMYK	0.00, 0.14, 0.44, 0.25
HSL	41°, 40%, 59%
HSV	41°, 44%, 75%
XYZ	38.0069, 39.3444, 19.5848
YIQ	166.4610, 34.7100, -12.3140

Conversions

Conversions Part 2

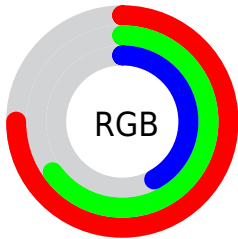
Format	Color
RYB	147, 192, 107
Decimal	12625259
CIELab	69.00, 1.99, 33.65
CIELCh	69, 33.713, 86.624
Yxy	39.3444, 0.3921, 0.4059
Android (android.graphics.Color)	4290815339 (0xFFC0A56B)
YUV	166.4610, -29.3143, 22.3977
Hunter-Lab	62.7251, -1.6109, 25.3953

Details

The CIELCh color **69, 33.713, 86.624** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **56, 33.800, 279.926**, and the grayscale version is **69, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 33.860, 86.648**, and **49, 33.751, 86.073** is the 20% darker color. If you saturate the color by 10%, you get **67, 41.467, 85.225**, and if you desaturate by 10%, it is **71, 25.918, 87.988**.

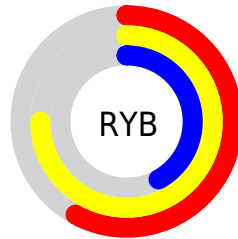
Distribution



Red (75%)

Green (65%)

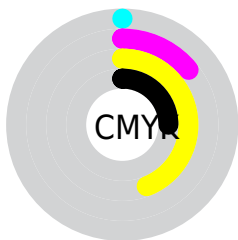
Blue (42%)



Red (58%)

Yellow (75%)

Blue (42%)

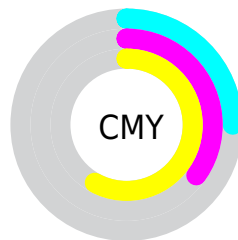


Cyan (0%)

Magenta (14%)

Yellow (44%)

Black (25%)



Cyan (25%)

Magenta (35%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 33.713, 86.624 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, 33.713, 86.624 by changing the saturation by 10% instead.

■ 69, 33.713, 86.624

■ 69, 33.713, 86.624

■ 100, 33.713,
86.624

■ 59, 33.713, 86.624

■ 89, 33.713, 86.624

■ 49, 33.713, 86.624

■ 99, 33.713, 86.624

■ 39, 33.713, 86.624

■ 29, 33.713, 86.624

■ 19, 33.713, 86.624

■ 9, 33.713, 86.624

■ 0, 33.713, 86.624

■ 69, 33.713, 86.624

■ 69, 33.713, 86.624

■ 67, 41.467, 85.225

■ 71, 25.918, 87.988

65, 48.973, 83.763

73, 18.186, 89.308

64, 55.870, 82.199

75, 10.572, 90.584

62, 61.571, 80.448

77, 3.096, 91.774

60, 65.333, 78.358

79, 4.236, 273.094

59, 66.839, 77.035

81, 11.427,
274.207

83, 18.484,
275.293

85, 22.355,
273.561

87, 20.013,
264.772

Harmonies

Complementary

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



69, 33.713, 86.624



56, 33.800, 279.926

Rectangle

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



69, 33.713, 86.624



69, 33.713, 136.624



69, 33.713, 266.624



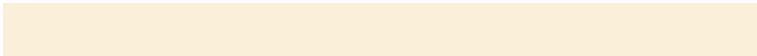
69, 33.713, 316.624

Sweetspot

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



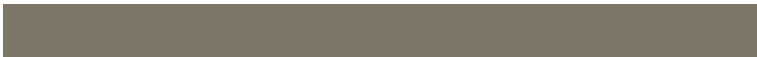
69, 33.714, 86.628



95, 11.950, 90.709



56, 37.162, 359.111



50, 8.379, 90.431



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, 33.714, 86.628



85, 50.143, 85.278



75, 44.791, 113.559



40, 4.222, 91.179



50, 58.521, 77.432



8, 12.698, 80.605

Inverse Universe

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



56, 33.800, 279.926



66, 50.616, 282.364



50, 49.953, 301.024



38, 4.228, 273.591



27, 70.173, 297.067



3, 15.277, 280.571

Previews

White Background



This preview shows how the CIELCh color 69, 33.713, 86.624 looks on a white background.

Color Contrast Check

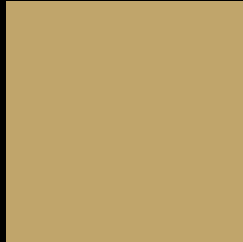
Large Text (above 18pt) WCAG AA × Fail

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, 33.713, 86.624 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, 33.713, 86.624

Background



This preview shows how black text looks on a background with the CIELCh color 69, 33.713, 86.624.



This preview shows how white text looks on a background with the CIELCh color 69, 33.713, 86.624.

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, 33.713, 86.624

Protanopia

69, 32.979, 96.363

Deuteranopia

69, 34.566, 75.251



Tritanopia
69, 17.093, 358.559

Trichromacy



Original Color
69, 33.713, 86.624

Protanomaly
69, 33.398, 93.429

Deuteranomaly
69, 34.030, 79.734

Tritanomaly
69, 16.586, 47.770

Monochromacy



Original Color
69, 33.713, 86.624

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 12.173, 89.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 33.713, 86.624 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(192, 165, 107)` looks like.

```
.text, #text, p{  
    color:rgb(192, 165, 107)  
}
```

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(192, 165, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 165, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 33.713, 86.624 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(192, 165, 107) }
```

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

```
.border{ border-color:rgb(192, 165, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 165, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 165, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 165, 107);  
box-shadow:4px 4px 4px 4px rgb(192, 165,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 33.713, 86.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 165, 107) }
```

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

```
.background{ background-color: rgb(192,  
165, 107) }
```

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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