

Converting Colors

CIELCh(69, 44.365, 88.876)

Have a look what the booklet for
CIELCh(69, 44.365, 88.876) contains.

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Color

CIELCh(69, 44.328, 88.913)

Conversions

Conversions Part 1

Format	Color
Hex	C3A657
RGB	195, 166, 87
RGB Percent	76%, 65%, 34%
CMY	0.2371, 0.3506, 0.6604
CMYK	0.00, 0.15, 0.55, 0.24
HSL	44°, 47%, 55%
HSV	44°, 55%, 76%
XYZ	37.6537, 39.3444, 14.5421
YIQ	165.6650, 42.6430, -18.4210

Conversions

Conversions Part 2

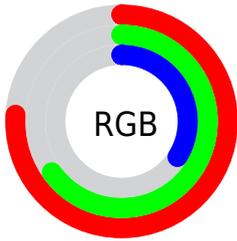
Format	Color
RYB	127, 195, 87
Decimal	12822103
CIELab	69.00, 0.84, 44.32
CIElCh	69, 44.328, 88.913
Yxy	39.3444, 0.4113, 0.4298
Android (android.graphics.Color)	4291012183 (0xFFC3A657)
YUV	165.6650, -38.7818, 25.7268
Hunter-Lab	62.7251, -2.6158, 30.1619

Details

The CIELCh color **69, 44.328, 88.913** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **50, 46.399, 286.113**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 44.339, 88.793**, and **49, 44.309, 88.450** is the 20% darker color. If you saturate the color by 10%, you get **67, 51.853, 87.518**, and if you desaturate by 10%, it is **71, 36.406, 90.268**.

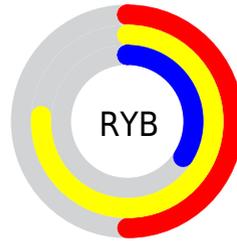
Distribution



Red (76%)

Green (65%)

Blue (34%)



Red (50%)

Yellow (76%)

Blue (34%)

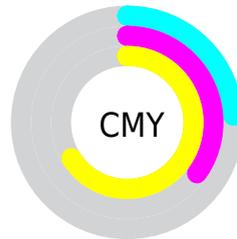


Cyan (0%)

Magenta (15%)

Yellow (55%)

Black (24%)



Cyan (24%)

Magenta (35%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 44.328, 88.913 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, 44.328, 88.913 by changing the saturation by 10% instead.

 69, 44.328, 88.913

 69, 44.328, 88.913

 100, 44.328,
88.913

 59, 44.328, 88.913

 89, 44.328, 88.913

 49, 44.328, 88.913

 99, 44.328, 88.913

 39, 44.328, 88.913

 29, 44.328, 88.913

 19, 44.328, 88.913

 9, 44.328, 88.913

 0, 44.328, 88.913

 69, 44.328, 88.913

 69, 44.328, 88.913

 67, 51.853, 87.518

 71, 36.406, 90.268

66, 58.565, 86.043

72, 28.333, 91.585

64, 63.844, 84.422

74, 20.247, 92.868

63, 67.003, 82.541

76, 12.221, 94.112

63, 68.016, 81.646

78, 4.292, 95.292

79, 3.526, 276.558

81, 11.226,
277.638

83, 18.812,
278.699

85, 22.897,
277.298

Harmonies

Complementary

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



69, 44.328, 88.913



50, 46.399, 286.113

Rectangle

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



69, 44.328, 88.913



69, 44.328, 138.913



69, 44.328, 268.913



69, 44.328, 318.913

Sweetspot

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



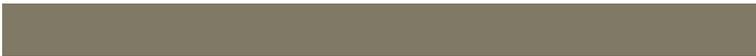
69, 44.328, 88.917



95, 16.601, 93.893



51, 46.382, 5.079



51, 11.210, 93.640



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, 44.328, 88.917



85, 65.296, 87.149



75, 56.057, 115.143



40, 4.440, 94.846



52, 59.077, 81.994



9, 13.377, 86.234

Inverse Universe

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



50, 46.399, 286.113



57, 70.503, 289.726



44, 64.448, 303.830



38, 4.467, 277.175



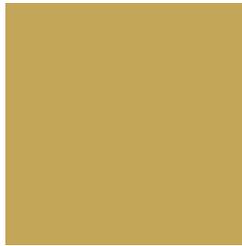
25, 75.414, 299.490



3, 15.890, 282.578

Previews

White Background



This preview shows how the CIELCh color 69, 44.328, 88.913 looks on a white background.

Color Contrast Check

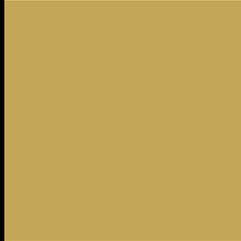
Large Text (above 18pt) WCAG AA × Fail

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, 44.328, 88.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

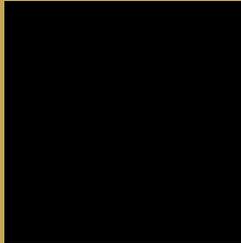
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

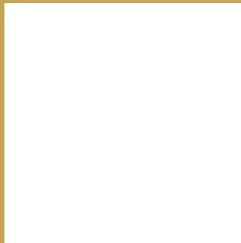
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 44.328, 88.913

Background



This preview shows how black text looks on a background with the CIELCh color 69, 44.328, 88.913.



This preview shows how white text looks on a background with the CIELCh color 69, 44.328, 88.913.

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, 44.328, 88.913

Protanopia

69, 43.815, 95.886

Deuteranopia

69, 44.880, 78.822



Tritanopia
69, 18.963, 1.101

Trichromacy



Original Color
69, 44.328, 88.913

Protanomaly
69, 44.226, 93.599

Deuteranomaly
69, 44.715, 83.030

Tritanomaly
69, 20.335, 54.631

Monochromacy



Original Color
69, 44.328, 88.913

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 16.507, 92.752

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 44.328, 88.913 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, 166, 87)` looks like.

```
.text, #text, p{  
    color:rgb(195, 166, 87)  
}
```

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, 166, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 166, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 44.328, 88.913 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, 166, 87) }
```

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

```
.border{ border-color:rgb(195, 166, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 166, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 166, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 166, 87);  
box-shadow:4px 4px 4px 4px rgb(195, 166,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 44.328, 88.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 166, 87) }
```

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

```
.background{ background-color: rgb(195,  
166, 87) }
```

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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