

Converting Colors

CIELCh(68, 27.788, 88.954)

Have a look what the booklet for
CIELCh(68, 27.788, 88.954) contains.

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Color

CIELCh(68, 27.596, 89.480)

Conversions

Conversions Part 1

Format	Color
Hex	B8A474
RGB	184, 164, 116
RGB Percent	72%, 64%, 45%
CMY	0.2787, 0.3571, 0.5453
CMYK	0.00, 0.11, 0.37, 0.28
HSL	42°, 32%, 59%
HSV	42°, 37%, 72%
XYZ	36.1662, 37.9720, 21.9289
YIQ	164.5080, 27.3280, -10.6880

Conversions

Conversions Part 2

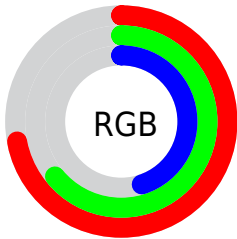
Format	Color
RYB	144, 184, 116
Decimal	12100724
CIELab	68.00, 0.25, 27.59
CIELCh	68, 27.596, 89.480
Yxy	37.9720, 0.3765, 0.3953
Android (android.graphics.Color)	4290290804 (0xFFB8A474)
YUV	164.5080, -23.9144, 17.0945
Hunter-Lab	61.6215, -3.0742, 22.0358

Details

The CIELCh color **68, 27.596, 89.480** is a light color, and the websafe version is hex **999966**. A complement of this color would be **57, 27.887, 279.984**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 27.879, 89.733**, and **48, 27.534, 88.766** is the 20% darker color. If you saturate the color by 10%, you get **66, 35.200, 88.140**, and if you desaturate by 10%, it is **70, 20.003, 90.793**.

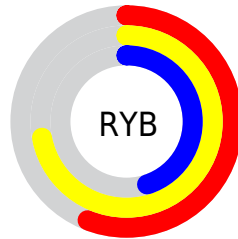
Distribution



Red (72%)

Green (64%)

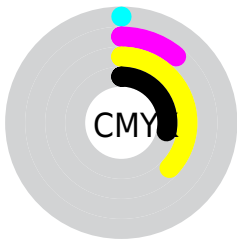
Blue (45%)



Red (56%)

Yellow (72%)

Blue (45%)

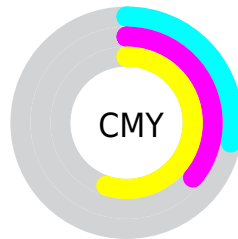


Cyan (0%)

Magenta (11%)

Yellow (37%)

Black (28%)



Cyan (28%)

Magenta (36%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 27.596, 89.480 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 68, 27.596, 89.480 by changing the saturation by 10% instead.

68, 27.596, 89.480

68, 27.596, 89.480

100, 27.596,
89.480

58, 27.596, 89.480

88, 27.596, 89.480

48, 27.596, 89.480

98, 27.596, 89.480

38, 27.596, 89.480

28, 27.596, 89.480

18, 27.596, 89.480

8, 27.596, 89.480

0, 27.596, 89.480

68, 27.596, 89.480

68, 27.596, 89.480

66, 35.200, 88.140

70, 20.003, 90.793

65, 42.680, 86.754

72, 12.486, 92.060

63, 49.798, 85.309

73, 5.079, 93.268

61, 56.146, 83.762

75, 2.206, 274.587

60, 61.111, 82.026

77, 9.367, 275.657

59, 64.105, 79.980

79, 16.407,
276.738

58, 64.881, 79.350

81, 23.333,
277.772

83, 26.079,
275.860

84, 23.815,
269.493

Harmonies

Complementary

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



68, 27.596, 89.480



57, 27.887, 279.984

Rectangle

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



68, 27.596, 89.480



68, 27.596, 139.480



68, 27.596, 269.480



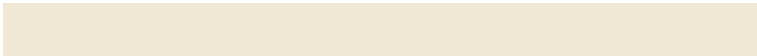
68, 27.596, 319.480

Sweetspot

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



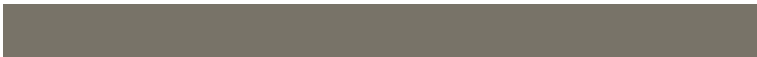
68, 27.597, 89.485



92, 9.988, 92.769



57, 29.518, 0.261



49, 6.715, 92.606



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 27.597, 89.485



85, 40.870, 88.443



72, 36.556, 115.494



38, 4.135, 92.990



50, 57.365, 79.700



7, 10.085, 84.711

Inverse Universe

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



57, 27.887, 279.984



68, 41.522, 281.691



53, 39.791, 301.182



36, 4.150, 275.348



25, 70.817, 298.191



2, 12.198, 279.594

Previews

White Background



This preview shows how the CIELCh color 68, 27.596, 89.480 looks on a white background.

Color Contrast Check

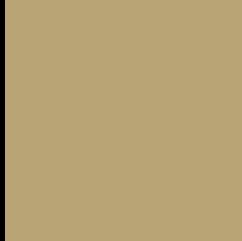
Large Text (above 18pt) WCAG AA × Fail

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 68, 27.596, 89.480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

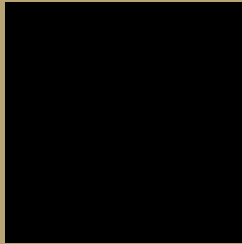
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 27.596, 89.480

Background



This preview shows how black text looks on a background with the CIELCh color 68, 27.596, 89.480.

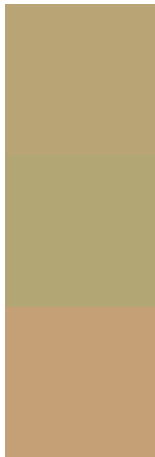


This preview shows how white text looks on a background with the CIELCh color 68, 27.596, 89.480.

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


68, 27.596, 89.480

Protanopia

68, 27.247, 95.759

Deuteranopia

68, 28.491, 72.893



Tritanopia
68, 14.280, 353.357

Trichromacy



Original Color
68, 27.596, 89.480

Protanomaly
68, 27.058, 92.936

Deuteranomaly
68, 27.674, 79.054

Tritanomaly
68, 12.525, 46.081

Monochromacy



Original Color
68, 27.596, 89.480

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 9.731, 92.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 27.596, 89.480 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(184, 164, 116)` looks like.

```
.text, #text, p{  
    color:rgb(184, 164, 116)  
}
```

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(184, 164, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 164, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 27.596, 89.480 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(184, 164, 116) }
```

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

```
.border{ border-color:rgb(184, 164, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 164, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 164, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 164, 116);  
box-shadow:4px 4px 4px 4px rgb(184, 164,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 27.596, 89.480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 164, 116) }
```

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

```
.background{ background-color: rgb(184,  
164, 116) }
```

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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