

Converting Colors

CIELCh(67, 28.305, 86.157)

Have a look what the booklet for
CIELCh(67, 28.305, 86.157) contains.

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Color

CIELCh(67, 28.341, 86.071)

Conversions

Conversions Part 1

Format	Color
Hex	B8A070
RGB	184, 160, 112
RGB Percent	72%, 63%, 44%
CMY	0.2774, 0.3715, 0.5598
CMYK	0.00, 0.13, 0.39, 0.28
HSL	40°, 34%, 58%
HSV	40°, 39%, 72%
XYZ	35.3876, 36.6320, 20.6075
YIQ	161.7040, 29.7120, -9.8400

Conversions

Conversions Part 2

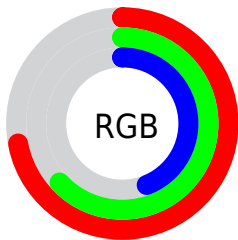
Format	Color
RYB	148, 184, 112
Decimal	12099696
CIELab	67.00, 1.94, 28.27
CIElCh	67, 28.341, 86.071
Yxy	36.6320, 0.3820, 0.3955
Android (android.graphics.Color)	4290289776 (0xFFB8A070)
YUV	161.7040, -24.5041, 19.5536
Hunter-Lab	60.5244, -1.5514, 22.1798

Details

The CIELCh color $67, 28.341, 86.071$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $57, 28.139, 277.565$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 28.548, 86.613$, and $47, 28.698, 86.178$ is the 20% darker color. If you saturate the color by 10%, you get $65, 35.824, 84.689$, and if you desaturate by 10%, it is $69, 20.904, 87.422$.

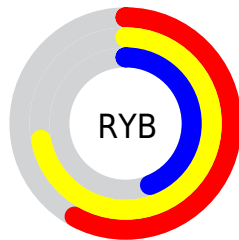
Distribution



Red (72%)

Green (63%)

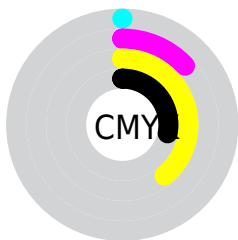
Blue (44%)



Red (58%)

Yellow (72%)

Blue (44%)

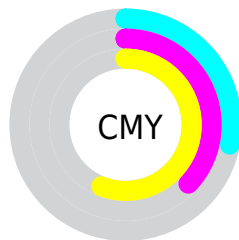


Cyan (0%)

Magenta (13%)

Yellow (39%)

Black (28%)



Cyan (28%)

Magenta (37%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 28.341, 86.071 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 67, 28.341, 86.071 by changing the saturation by 10% instead.

■ 67, 28.341, 86.071

■ 67, 28.341, 86.071

■ 100, 28.341,
86.071

■ 57, 28.341, 86.071

■ 87, 28.341, 86.071

■ 47, 28.341, 86.071

■ 97, 28.341, 86.071

■ 37, 28.341, 86.071

■ 27, 28.341, 86.071

■ 17, 28.341, 86.071

■ 7, 28.341, 86.071

■ 0, 28.341, 86.071

■ 67, 28.341, 86.071

■ 67, 28.341, 86.071

■ 65, 35.824, 84.689

■ 69, 20.904, 87.422

63, 43.216, 83.252

71, 13.578, 88.725

61, 50.267, 81.735

73, 6.391, 89.975

60, 56.538, 80.074

75, 0.646, 271.586

58, 61.371, 78.145

77, 7.536, 272.441

57, 64.393, 75.853

79, 14.286,
273.553

56, 64.665, 75.649

82, 20.907,
274.622

84, 25.095,
273.634

85, 22.687,
265.807

Harmonies

Complementary

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



67, 28.341, 86.071



57, 28.139, 277.565

Rectangle

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



67, 28.341, 86.071



67, 28.341, 136.071



67, 28.341, 266.071



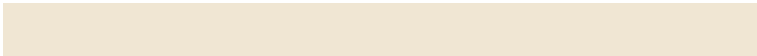
67, 28.341, 316.071

Sweetspot

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



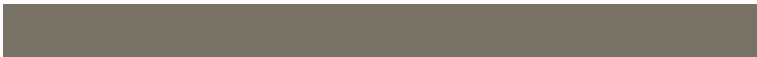
67, 28.342, 86.076



92, 10.491, 89.594



56, 31.873, 357.080



48, 6.965, 89.434



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 28.342, 86.076



83, 42.445, 84.873



73, 38.411, 113.181



38, 3.975, 89.945



48, 57.071, 76.054



6, 9.682, 80.335

Inverse Universe

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



57, 28.139, 277.565



68, 42.213, 279.603



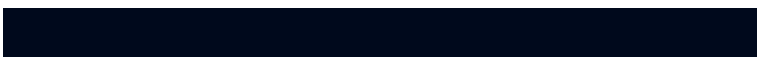
51, 42.213, 299.858



36, 3.974, 272.363



26, 66.681, 296.106



3, 11.814, 277.742

Previews

White Background



This preview shows how the CIELCh color 67, 28.341, 86.071 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 67, 28.341, 86.071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

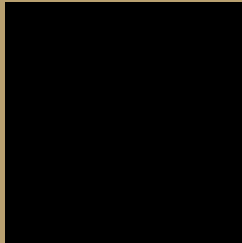
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 28.341, 86.071

Background



This preview shows how black text looks on a background with the CIELCh color 67, 28.341, 86.071.



This preview shows how white text looks on a background with the CIELCh color 67, 28.341, 86.071.

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


67, 28.341, 86.071

Protanopia

67, 27.859, 95.839

Deuteranopia

67, 29.337, 72.647



Tritanopia
67, 15.749, 356.223

Trichromacy



Original Color
67, 28.341, 86.071

Protanomaly
67, 27.785, 92.209

Deuteranomaly
67, 28.716, 77.902

Tritanomaly
67, 14.106, 43.245

Monochromacy



Original Color
67, 28.341, 86.071

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 10.024, 88.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 28.341, 86.071 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, 160, 112)` looks like.

```
.text, #text, p{  
    color:rgb(184, 160, 112)  
}
```

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, 160, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 160, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 28.341, 86.071 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, 160, 112) }
```

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

```
.border{ border-color:rgb(184, 160, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 160, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 160, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 160, 112);  
box-shadow:4px 4px 4px 4px rgb(184, 160,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 28.341, 86.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 160, 112) }
```

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

```
.background{ background-color: rgb(184,  
160, 112) }
```

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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