

Converting Colors

CIELCh(67, 28.185, 86.286)

Have a look what the booklet for
CIELCh(67, 28.185, 86.286) contains.

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Color

CIELCh(67, 27.833, 85.758)

Conversions

Conversions Part 1

Format	Color
Hex	B8A071
RGB	184, 160, 113
RGB Percent	72%, 63%, 44%
CMY	0.2775, 0.3717, 0.5560
CMYK	0.00, 0.13, 0.39, 0.28
HSL	40°, 33%, 58%
HSV	40°, 39%, 72%
XYZ	35.4221, 36.6320, 20.8875
YIQ	161.8180, 29.3910, -9.5290

Conversions

Conversions Part 2

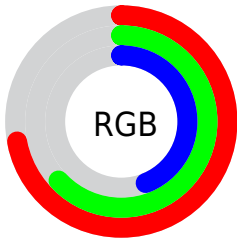
Format	Color
RYB	149, 184, 113
Decimal	12099697
CIELab	67.00, 2.06, 27.76
CIELCh	67, 27.833, 85.758
Yxy	36.6320, 0.3811, 0.3941
Android (android.graphics.Color)	4290289777 (0xFFB8A071)
YUV	161.8180, -24.0673, 19.4536
Hunter-Lab	60.5244, -1.4497, 21.9056

Details

The CIELCh color **67, 27.833, 85.758** is a light color, and the websafe version is hex **999966**. A complement of this color would be **57, 27.569, 277.089**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 28.062, 86.301**, and **47, 28.168, 85.899** is the 20% darker color. If you saturate the color by 10%, you get **65, 35.302, 84.376**, and if you desaturate by 10%, it is **69, 20.422, 87.109**.

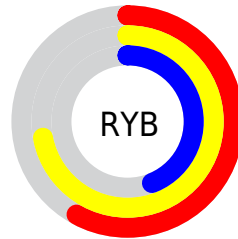
Distribution



Red (72%)

Green (63%)

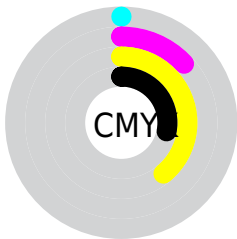
Blue (44%)



Red (58%)

Yellow (72%)

Blue (44%)

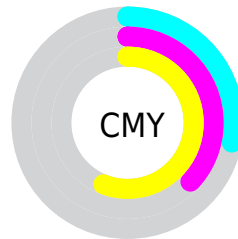


Cyan (0%)

Magenta (13%)

Yellow (39%)

Black (28%)



Cyan (28%)

Magenta (37%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 27.833, 85.758 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, 27.833, 85.758 by changing the saturation by 10% instead.

■ 67, 27.833, 85.758

■ 67, 27.833, 85.758

■ 100, 27.833,
85.758

■ 57, 27.833, 85.758

■ 87, 27.833, 85.758

■ 47, 27.833, 85.758

■ 97, 27.833, 85.758

■ 37, 27.833, 85.758

■ 27, 27.833, 85.758

■ 17, 27.833, 85.758

■ 7, 27.833, 85.758

■ 0, 27.833, 85.758

■ 67, 27.833, 85.758

■ 67, 27.833, 85.758

■ 65, 35.302, 84.376

■ 69, 20.422, 87.109

■ 63, 42.698, 82.938

■ 71, 13.129, 88.413

■ 61, 49.782, 81.423

■ 73, 5.982, 89.661

■ 60, 56.128, 79.765

■ 75, 1.013, 271.151

■ 58, 61.088, 77.841

■ 77, 7.859, 272.129

■ 56, 64.203, 75.536

■ 79, 14.563,
273.242

■ 56, 64.637, 75.208

■ 82, 21.136,
274.311

■ 84, 24.832,
272.865

■ 85, 22.442,
264.761

Harmonies

Complementary

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



67, 27.833, 85.758



57, 27.569, 277.089

Rectangle

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



67, 27.833, 85.758



67, 27.833, 135.758



67, 27.833, 265.758



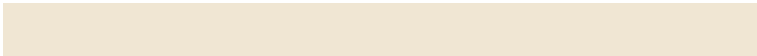
67, 27.833, 315.758

Sweetspot

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



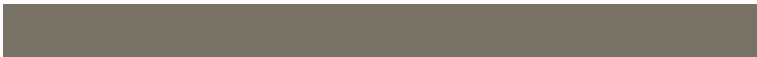
67, 27.834, 85.763



92, 10.444, 89.215



56, 31.422, 356.997



48, 6.933, 89.054



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, 27.834, 85.763



83, 41.382, 84.627



73, 37.898, 113.218



38, 3.957, 89.566



48, 57.055, 75.618



6, 9.639, 79.804

Inverse Universe

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



57, 27.569, 277.089



68, 41.018, 278.997



51, 41.583, 299.791



36, 3.954, 271.991



26, 66.183, 295.839



3, 11.769, 277.514

Previews

White Background



This preview shows how the CIELCh color 67, 27.833, 85.758 looks on a white background.

Color Contrast Check

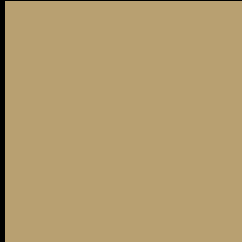
Large Text (above 18pt) WCAG AA × Fail

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, 27.833, 85.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

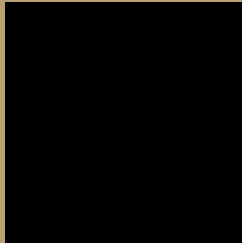
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 27.833, 85.758

Background



This preview shows how black text looks on a background with the CIELCh color 67, 27.833, 85.758.



This preview shows how white text looks on a background with the CIELCh color 67, 27.833, 85.758.

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, 27.833, 85.758

Protanopia

67, 27.333, 95.693

Deuteranopia

67, 28.608, 72.816



Tritanopia
67, 15.749, 356.223

Trichromacy



Original Color
67, 27.833, 85.758

Protanomaly
67, 27.264, 91.996

Deuteranomaly
67, 28.004, 78.209

Tritanomaly
67, 14.106, 43.245

Monochromacy



Original Color
67, 27.833, 85.758

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, 27.833, 85.758 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, 113)` looks like.

```
.text, #text, p{  
    color:rgb(184, 160, 113)  
}
```

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, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 160, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 27.833, 85.758 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, 113) }
```

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

```
.border{ border-color:rgb(184, 160, 113) }
```

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, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 160, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 160, 113);  
box-shadow:4px 4px 4px 4px rgb(184, 160,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 27.833, 85.758 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, 113) }
```

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

```
.background{ background-color: rgb(184,  
160, 113) }
```

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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