

Converting Colors

CIELCh(66, 27.376, 86.140)

Have a look what the booklet for
CIELCh(66, 27.376, 86.140) contains.

CIELCh(66, 27.731, 86.529)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 27.731, 86.529)

Conversions

Conversions Part 1

Format	Color
Hex	B59E6F
RGB	181, 158, 111
RGB Percent	71%, 62%, 44%
CMY	0.2910, 0.3812, 0.5655
CMYK	0.00, 0.13, 0.39, 0.29
HSL	40°, 32%, 57%
HSV	40°, 39%, 71%
XYZ	34.0549, 35.3238, 20.0052
YIQ	159.5190, 28.7950, -9.7410

Conversions

Conversions Part 2

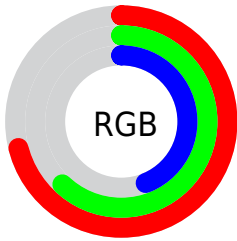
Format	Color
RYB	145, 181, 111
Decimal	11902575
CIELab	66.00, 1.68, 27.68
CIELCh	66, 27.731, 86.529
Yxy	35.3238, 0.3810, 0.3952
Android (android.graphics.Color)	4290092655 (0xFFB59E6F)
YUV	159.5190, -23.9199, 18.8388
Hunter-Lab	59.4338, -1.7307, 21.6469

Details

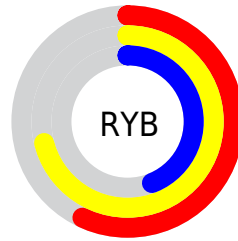
The CIELCh color **66, 27.731, 86.529** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **56, 27.600, 277.842**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 27.960, 87.031**, and **46, 28.072, 86.702** is the 20% darker color. If you saturate the color by 10%, you get **64, 35.112, 85.154**, and if you desaturate by 10%, it is **68, 20.392, 87.873**.

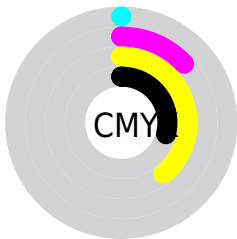
Distribution



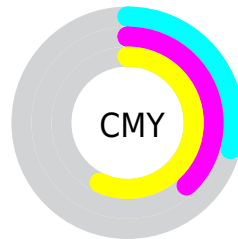
- Red (71%)
- Green (62%)
- Blue (44%)



- Red (57%)
- Yellow (71%)
- Blue (44%)



- Cyan (0%)
- Magenta (13%)
- Yellow (39%)
- Black (29%)



- Cyan (29%)
- Magenta (38%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 27.731, 86.529 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 66, 27.731, 86.529 by changing the saturation by 10% instead.

■ 66, 27.731, 86.529

■ 66, 27.731, 86.529

■ 100, 27.731,
86.529

■ 56, 27.731, 86.529

■ 86, 27.731, 86.529

■ 46, 27.731, 86.529

■ 96, 27.731, 86.529

■ 36, 27.731, 86.529

■ 26, 27.731, 86.529

■ 16, 27.731, 86.529

■ 6, 27.731, 86.529

■ 0, 27.731, 86.529

■ 66, 27.731, 86.529

■ 66, 27.731, 86.529

■ 64, 35.112, 85.154

■ 68, 20.392, 87.873

62, 42.403, 83.725

70, 13.158, 89.171

61, 49.362, 82.221

72, 6.058, 90.413

59, 55.566, 80.580

74, 0.898, 271.913

57, 60.379, 78.684

76, 7.713, 272.866

56, 63.395, 76.435

78, 14.394,
273.972

56, 63.774, 76.151

80, 20.948,
275.035

82, 27.171,
275.879

84, 24.685,
269.121

Harmonies

Complementary

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



66, 27.731, 86.529



56, 27.600, 277.842

Rectangle

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



66, 27.731, 86.529



66, 27.731, 136.529



66, 27.731, 266.529



66, 27.731, 316.529

Sweetspot

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



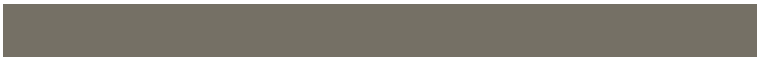
66, 27.732, 86.534



90, 10.358, 89.988



55, 30.875, 358.171



47, 6.875, 89.830



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 27.732, 86.534



82, 40.943, 85.425



71, 37.535, 113.940



37, 3.902, 90.341



48, 56.407, 76.550



6, 8.462, 82.076

Inverse Universe

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



56, 27.600, 277.842



67, 40.828, 279.702



50, 41.152, 300.323



35, 3.904, 272.743



26, 66.293, 296.329



2, 10.175, 276.989

Previews

White Background



This preview shows how the CIELCh color 66, 27.731, 86.529 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 66, 27.731, 86.529 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 66, 27.731, 86.529

Background



This preview shows how black text looks on a background with the CIELCh color 66, 27.731, 86.529.

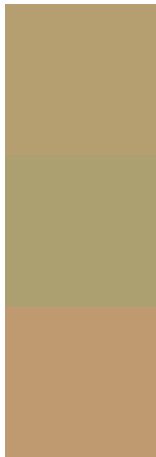


This preview shows how white text looks on a background with the CIELCh color 66, 27.731, 86.529.

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

66, 27.731, 86.529

Protanopia

66, 26.893, 95.470

Deuteranopia

66, 28.423, 73.464



Tritanopia
66, 15.076, 354.891

Trichromacy



Original Color
66, 27.731, 86.529

Protanomaly
66, 26.832, 91.699

Deuteranomaly
66, 27.627, 77.672

Tritanomaly
66, 13.538, 41.832

Monochromacy



Original Color
66, 27.731, 86.529

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 10.437, 91.210

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 27.731, 86.529 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(181, 158, 111)` looks like.

```
.text, #text, p{  
    color:rgb(181, 158, 111)  
}
```

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(181, 158, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 158, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 27.731, 86.529 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(181, 158, 111) }
```

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

```
.border{ border-color:rgb(181, 158, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 158, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 158, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 158, 111);  
box-shadow:4px 4px 4px 4px rgb(181, 158,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 27.731, 86.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 158, 111) }
```

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

```
.background{ background-color: rgb(181,  
158, 111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor