

Converting Colors

CIELCh(67, 25.913, 81.351)

Have a look what the booklet for
CIELCh(67, 25.913, 81.351) contains.

CIELCh(67, 25.913, 81.351)	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(67, 25.913, 81.351)

Conversions

Conversions Part 1

Format	Color
Hex	BA9F75
RGB	186, 159, 117
RGB Percent	73%, 62%, 46%
CMY	0.2697, 0.3756, 0.5403
CMYK	0.00, 0.15, 0.37, 0.27
HSL	37°, 33%, 60%
HSV	37°, 37%, 73%
XYZ	35.9678, 36.6320, 22.0708
YIQ	162.2850, 29.5740, -7.3380

Conversions

Conversions Part 2

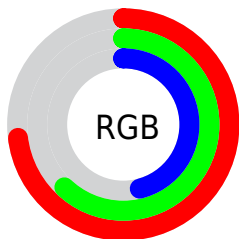
Format	Color
RYB	161, 186, 117
Decimal	12230517
CIELab	67.00, 3.90, 25.62
CIELCh	67, 25.913, 81.351
Yxy	36.6320, 0.3799, 0.3869
Android (android.graphics.Color)	4290420597 (0xFFBA9F75)
YUV	162.2850, -22.3255, 20.7981
Hunter-Lab	60.5244, 0.1594, 20.7463

Details

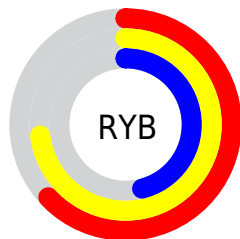
The CIELCh color **67, 25.913, 81.351** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **59, 24.971, 272.375**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 26.199, 82.133**, and **47, 26.175, 81.403** is the 20% darker color. If you saturate the color by 10%, you get **65, 33.312, 79.964**, and if you desaturate by 10%, it is **69, 18.661, 82.710**.

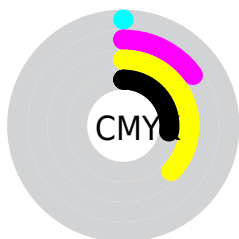
Distribution



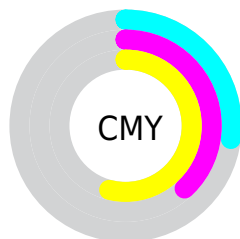
- Red (73%)
- Green (62%)
- Blue (46%)



- Red (63%)
- Yellow (73%)
- Blue (46%)



- Cyan (0%)
- Magenta (15%)
- Yellow (37%)
- Black (27%)



- Cyan (27%)
- Magenta (38%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 25.913, 81.351 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, 25.913, 81.351 by changing the saturation by 10% instead.

■ 67, 25.913, 81.351

■ 67, 25.913, 81.351

■ 100, 25.913,
81.351

■ 57, 25.913, 81.351

■ 87, 25.913, 81.351

■ 47, 25.913, 81.351

■ 97, 25.913, 81.351

■ 37, 25.913, 81.351

■ 27, 25.913, 81.351

■ 17, 25.913, 81.351

■ 7, 25.913, 81.351

■ 0, 25.913, 81.351

■ 67, 25.913, 81.351

■ 67, 25.913, 81.351

■ 65, 33.312, 79.964

■ 69, 18.661, 82.710

63, 40.760, 78.522

72, 11.595, 84.023

61, 48.061, 77.000

74, 4.726, 85.272

59, 54.844, 75.327

76, 1.951, 266.706

57, 60.485, 73.360

79, 8.446, 267.793

55, 64.290, 70.902

81, 14.774,
268.922

54, 65.312, 70.180

84, 20.951,
270.009

86, 21.753,
264.368

88, 19.693,
252.464

Harmonies

Complementary

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



67, 25.913, 81.351



59, 24.971, 272.375

Rectangle

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



67, 25.913, 81.351



67, 25.913, 131.351



67, 25.913, 261.351



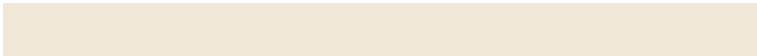
67, 25.913, 311.351

Sweetspot

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



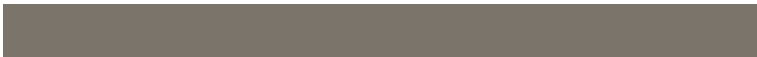
67, 25.914, 81.357



92, 9.175, 84.770



57, 31.127, 353.422



49, 6.228, 84.599



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 25.914, 81.357



83, 38.460, 80.293



74, 36.659, 111.121



39, 3.848, 84.995



47, 57.828, 70.629



7, 10.543, 72.374

Inverse Universe

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



59, 24.971, 272.375



72, 36.809, 274.162



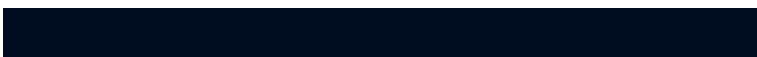
53, 40.154, 298.044



38, 3.822, 267.485



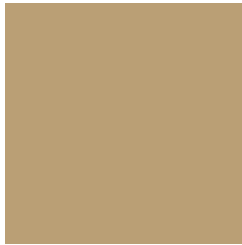
29, 61.307, 292.526



3, 12.815, 275.850

Previews

White Background



This preview shows how the CIELCh color 67, 25.913, 81.351 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 67, 25.913, 81.351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

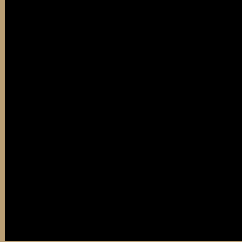
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 25.913, 81.351

Background



This preview shows how black text looks on a background with the CIELCh color 67, 25.913, 81.351.



This preview shows how white text looks on a background with the CIELCh color 67, 25.913, 81.351.

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, 25.913, 81.351

Protanopia

67, 24.601, 95.787

Deuteranopia

67, 26.772, 70.562



Tritanopia
67, 16.107, 356.858

Trichromacy



Original Color
67, 25.913, 81.351

Protanomaly
67, 25.178, 91.030

Deuteranomaly
67, 26.132, 74.137

Tritanomaly
67, 14.255, 36.138

Monochromacy



Original Color
67, 25.913, 81.351

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 9.497, 87.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 25.913, 81.351 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(186, 159, 117)` looks like.

```
.text, #text, p{  
    color:rgb(186, 159, 117)  
}
```

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(186, 159, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 159, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 25.913, 81.351 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(186, 159, 117) }
```

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

```
.border{ border-color:rgb(186, 159, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 159, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 159, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 159, 117); box-shadow:4px 4px 4px 4px rgb(186, 159, 117) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 25.913, 81.351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 159, 117) }
```

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

```
.background{ background-color: rgb(186,  
159, 117) }
```

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