

Converting Colors

CIELCh(67, 34.506, 82.116)

Have a look what the booklet for
CIELCh(67, 34.506, 82.116) contains.

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Color

CIELCh(67, 34.581, 82.121)

Conversions

Conversions Part 1

Format	Color
Hex	BF9E65
RGB	191, 158, 101
RGB Percent	75%, 62%, 40%
CMY	0.2496, 0.3791, 0.6027
CMYK	0.00, 0.17, 0.47, 0.25
HSL	38°, 41%, 57%
HSV	38°, 47%, 75%
XYZ	36.2200, 36.6320, 17.5526
YIQ	161.3690, 37.9650, -10.7310

Conversions

Conversions Part 2

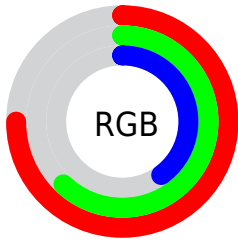
Format	Color
RYB	153, 191, 101
Decimal	12557925
CIELab	67.00, 4.74, 34.25
CIELCh	67, 34.581, 82.121
Yxy	36.6320, 0.4006, 0.4052
Android (android.graphics.Color)	4290748005 (0xFFBF9E65)
YUV	161.3690, -29.7619, 25.9864
Hunter-Lab	60.5244, 0.9035, 25.1724

Details

The CIELCh color **67, 34.581, 82.121** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **56, 33.627, 276.839**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 34.365, 81.582**, and **47, 34.514, 81.828** is the 20% darker color. If you saturate the color by 10%, you get **65, 42.205, 80.680**, and if you desaturate by 10%, it is **69, 26.961, 83.521**.

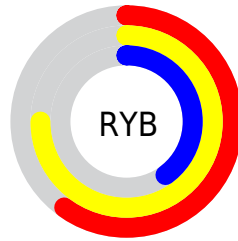
Distribution



Red (75%)

Green (62%)

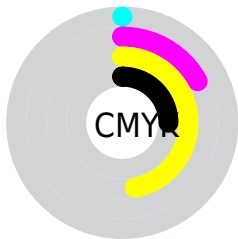
Blue (40%)



Red (60%)

Yellow (75%)

Blue (40%)

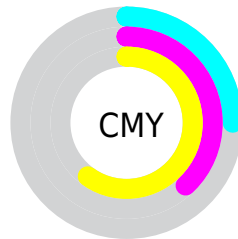


Cyan (0%)

Magenta (17%)

Yellow (47%)

Black (25%)



Cyan (25%)

Magenta (38%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 34.581, 82.121 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, 34.581, 82.121 by changing the saturation by 10% instead.

■ 67, 34.581, 82.121

■ 67, 34.581, 82.121

■ 100, 34.581,
82.121

■ 57, 34.581, 82.121

■ 87, 34.581, 82.121

■ 47, 34.581, 82.121

■ 97, 34.581, 82.121

■ 37, 34.581, 82.121

■ 27, 34.581, 82.121

■ 17, 34.581, 82.121

■ 7, 34.581, 82.121

■ 0, 34.581, 82.121

■ 67, 34.581, 82.121

■ 67, 34.581, 82.121

■ 65, 42.205, 80.680

■ 69, 26.961, 83.521

63, 49.616, 79.155

71, 19.454, 84.876

61, 56.418, 77.486

74, 12.108, 86.188

59, 61.967, 75.540

76, 4.940, 87.437

57, 65.563, 73.133

78, 2.048, 268.848

57, 66.499, 72.414

81, 8.866, 269.938

83, 15.525,
271.061

85, 22.039,
272.140

87, 19.765,
262.086

Harmonies

Complementary

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



67, 34.581, 82.121



56, 33.627, 276.839

Rectangle

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



67, 34.581, 82.121



67, 34.581, 132.121



67, 34.581, 262.121



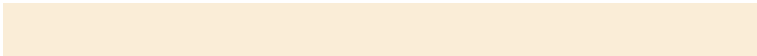
67, 34.581, 312.121

Sweetspot

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



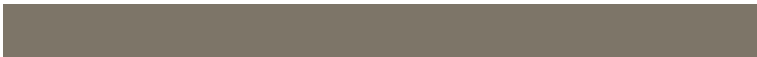
67, 34.581, 82.126



94, 12.299, 86.550



54, 40.078, 356.111



50, 8.514, 86.272



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



67, 34.581, 82.126



83, 51.450, 80.701



75, 47.056, 111.121



40, 4.025, 87.157



48, 58.408, 72.859



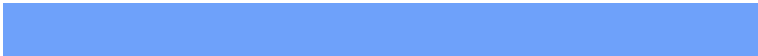
8, 12.167, 74.465

Inverse Universe

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



56, 33.627, 276.839



66, 50.030, 279.527



48, 53.171, 299.978



38, 4.009, 269.633



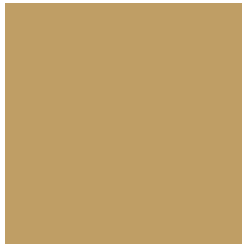
29, 64.816, 294.205



3, 14.644, 278.249

Previews

White Background



This preview shows how the CIELCh color 67, 34.581, 82.121 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, 34.581, 82.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

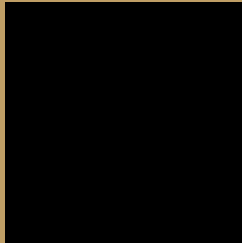
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 34.581, 82.121

Background



This preview shows how black text looks on a background with the CIELCh color 67, 34.581, 82.121.



This preview shows how white text looks on a background with the CIELCh color 67, 34.581, 82.121.

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, 34.581, 82.121

Protanopia

67, 33.261, 95.475

Deuteranopia

67, 35.011, 76.063



Tritanopia
67, 18.930, 2.755

Trichromacy



Original Color
67, 34.581, 82.121

Protanomaly
67, 33.613, 90.211

Deuteranomaly
67, 34.728, 78.280

Tritanomaly
67, 18.660, 44.903

Monochromacy



Original Color
67, 34.581, 82.121

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 12.539, 86.209

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 34.581, 82.121 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(191, 158, 101)` looks like.

```
.text, #text, p{  
    color:rgb(191, 158, 101)  
}
```

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(191, 158, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 158, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 34.581, 82.121 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(191, 158, 101) }
```

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

```
.border{ border-color:rgb(191, 158, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 158, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 158, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 158, 101);  
box-shadow:4px 4px 4px 4px rgb(191, 158,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 34.581, 82.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 158, 101) }
```

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

```
.background{ background-color: rgb(191,  
158, 101) }
```

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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