

Converting Colors

CIELCh(67, 32.018, 63.063)

Have a look what the booklet for
CIELCh(67, 32.018, 63.063) contains.

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Color

CIELCh(67, 32.081, 63.110)

Conversions

Conversions Part 1

Format	Color
Hex	CC9870
RGB	204, 152, 112
RGB Percent	80%, 60%, 44%
CMY	0.1986, 0.4026, 0.5595
CMYK	0.00, 0.25, 0.45, 0.20
HSL	26°, 48%, 62%
HSV	26°, 45%, 80%
XYZ	39.2280, 36.6320, 20.4261
YIQ	162.9880, 43.8320, -1.4160

Conversions

Conversions Part 2

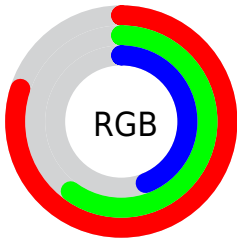
Format	Color
R_{YB}	204, 183, 112
Decimal	13408368
CIE _{Lab}	67.00, 14.51, 28.61
CIE _{LCh}	67, 32.081, 63.110
Yxy	36.6320, 0.4074, 0.3804
Android (android.graphics.Color)	4291598448 (0xFFCC9870)
YUV	162.9880, -25.1371, 35.9675
Hunter-Lab	60.5244, 9.7746, 22.3575

Details

The CIELCh color **67, 32.081, 63.110** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **65, 26.636, 255.756**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 29.831, 66.913**, and **47, 32.449, 63.177** is the 20% darker color. If you saturate the color by 10%, you get **64, 40.324, 62.069**, and if you desaturate by 10%, it is **70, 24.234, 64.178**.

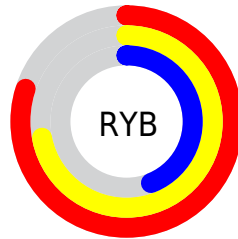
Distribution



Red (80%)

Green (60%)

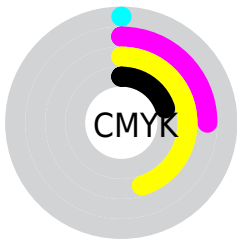
Blue (44%)



Red (80%)

Yellow (72%)

Blue (44%)

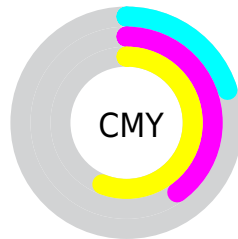


Cyan (0%)

Magenta (25%)

Yellow (45%)

Black (20%)



Cyan (20%)

Magenta (40%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 32.081, 63.110 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, 32.081, 63.110 by changing the saturation by 10% instead.

67, 32.081, 63.110

67, 32.081, 63.110

100, 32.081,
63.110

57, 32.081, 63.110

87, 32.081, 63.110

47, 32.081, 63.110

97, 32.081, 63.110

37, 32.081, 63.110

27, 32.081, 63.110

17, 32.081, 63.110

7, 32.081, 63.110

0, 32.081, 63.110

67, 32.081, 63.110

67, 32.081, 63.110

64, 40.324, 62.069

70, 24.234, 64.178

61, 48.855, 61.013

74, 16.813, 65.258

58, 57.400, 59.868

77, 9.808, 66.341

55, 65.383, 58.445

80, 3.192, 67.357

53, 71.793, 56.383

84, 3.073, 248.726

52, 74.520, 55.267

87, 9.023, 249.717

91, 14.551,
250.221

94, 14.210,
220.559

97, 16.758,
198.393

Harmonies

Complementary

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



67, 32.081, 63.110



65, 26.636, 255.756

Rectangle

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



67, 32.081, 63.110



67, 32.081, 113.110



67, 32.081, 243.110



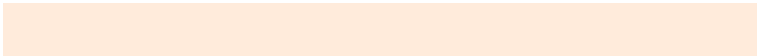
67, 32.081, 293.110

Sweetspot

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



67, 32.081, 63.115



94, 10.901, 66.434



59, 44.453, 344.439



49, 7.573, 66.198



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 32.081, 63.115



78, 47.305, 62.105



79, 44.705, 102.746



41, 3.634, 66.938



42, 63.504, 55.873



7, 14.486, 49.947

Inverse Universe

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



65, 26.636, 255.756



76, 37.541, 258.427



53, 49.639, 293.933



41, 3.521, 249.236



39, 45.485, 276.451



6, 13.949, 264.500

Previews

White Background



This preview shows how the CIELCh color 67, 32.081, 63.110 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, 32.081, 63.110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

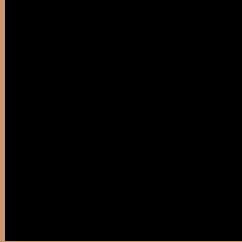
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 32.081, 63.110

Background



This preview shows how black text looks on a background with the CIELCh color 67, 32.081, 63.110.

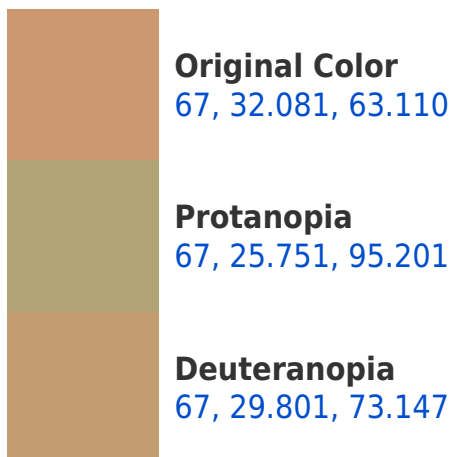


This preview shows how white text looks on a background with the CIELCh color 67, 32.081, 63.110.

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





Tritanopia
67, 25.303, 7.046

Trichromacy



Original Color
67, 32.081, 63.110

Protanomaly
67, 26.907, 82.188

Deuteranomaly
67, 30.482, 70.017

Tritanomaly
67, 24.711, 30.504

Monochromacy



Original Color
67, 32.081, 63.110

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 10.872, 64.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 32.081, 63.110 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(204, 152, 112)` looks like.

```
.text, #text, p{  
    color:rgb(204, 152, 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(204, 152, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 152, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 32.081, 63.110 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(204, 152, 112) }
```

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

```
.border{ border-color:rgb(204, 152, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 152, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 152, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 152, 112);  
box-shadow:4px 4px 4px 4px rgb(204, 152,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 32.081, 63.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 152, 112) }
```

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

```
.background{ background-color: rgb(204,  
152, 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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