

# Converting Colors

CIELCh(64, 30.484, 36.197)

Have a look what the booklet for  
CIELCh(64, 30.484, 36.197) contains.

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# **Color**

**CIELCh(64, 30.694, 36.557)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF8A7C
RGB	207, 138, 124
RGB Percent	81%, 54%, 49%
CMY	0.1891, 0.4596, 0.5145
CMYK	0.00, 0.33, 0.40, 0.19
HSL	10°, 46%, 65%
HSV	10°, 40%, 81%
XYZ	38.3541, 32.8017, 23.3130
YIQ	157.0350, 45.6180, 10.2740

# Conversions

## Conversions Part 2

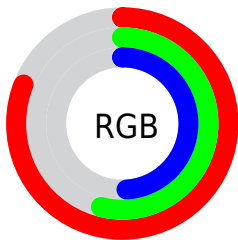
Format	Color
R <sub>YB</sub>	207, 141, 124
Decimal	13601404
CIE Lab	64.00, 24.66, 18.28
CIE LCh	64, 30.694, 36.557
Yxy	32.8017, 0.4060, 0.3472
Android (android.graphics.Color)	4291791484 (0xFFCF8A7C)
YUV	157.0350, -16.2863, 43.8193
Hunter-Lab	57.2727, 19.3096, 15.9568

# Details

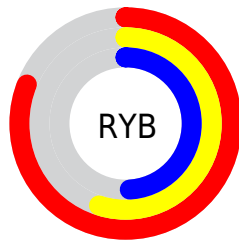
The CIELCh color **64, 30.694, 36.557** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74, 22.839, 217.434**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 26.298, 38.469**, and **44, 30.663, 36.389** is the 20% darker color. If you saturate the color by 10%, you get **60, 39.905, 37.212**, and if you desaturate by 10%, it is **69, 22.107, 36.144**.

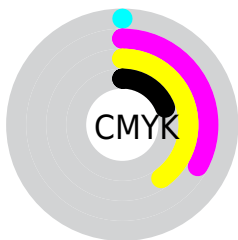
# Distribution



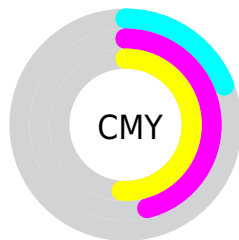
- Red (81%)
- Green (54%)
- Blue (49%)



- Red (81%)
- Yellow (55%)
- Blue (49%)



- Cyan (0%)
- Magenta (33%)
- Yellow (40%)
- Black (19%)



- Cyan (19%)
- Magenta (46%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 30.694, 36.557 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 64, 30.694, 36.557 by changing the saturation by 10% instead.



64, 30.694, 36.557

64, 30.694, 36.557

100, 30.694,  
36.557

54, 30.694, 36.557

84, 30.694, 36.557

44, 30.694, 36.557

94, 30.694, 36.557

34, 30.694, 36.557

24, 30.694, 36.557

14, 30.694, 36.557

4, 30.694, 36.557

0, 30.694, 36.557

64, 30.694, 36.557

64, 30.694, 36.557

60, 39.905, 37.212

69, 22.107, 36.144

56, 49.669, 38.133

73, 14.163, 35.909

52, 59.797, 39.326

78, 6.836, 35.794

49, 69.885, 40.687

83, 0.081, 28.965

47, 79.033, 41.848

88, 6.156, 216.131

45, 85.980, 42.456

93, 11.931,  
216.272

97, 16.010,  
198.441

# Harmonies

# Complementary

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



64, 30.694, 36.557



74, 22.839, 217.434

# Rectangle

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



64, 30.694, 36.557



64, 30.694, 86.557



64, 30.694, 216.557



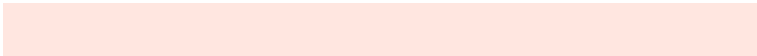
64, 30.694, 266.557

# Sweetspot

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



64, 30.692, 36.562



93, 9.683, 35.813



63, 47.888, 331.907



49, 6.458, 35.825



0, 0.000, 0.000



53, 0.007, 296.813



# Same Dimension

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



64, 30.692, 36.562



73, 45.027, 37.095



74, 31.989, 85.891



41, 3.854, 35.787



36, 73.429, 42.754



6, 18.090, 28.537



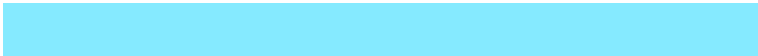


# Inverse Universe

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



74, 22.839, 217.434



88, 31.064, 218.180



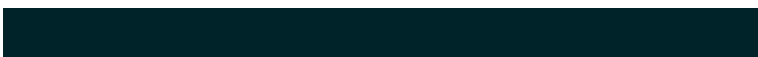
63, 31.763, 277.865



43, 3.630, 216.134



54, 31.899, 228.473

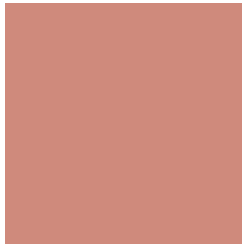


11, 12.258, 221.464



# Previews

## White Background



This preview shows how the CIELCh color 64, 30.694, 36.557 looks on a white background.

## Color Contrast Check

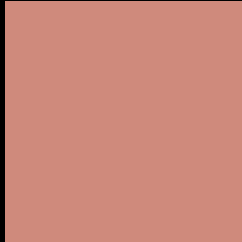
Large Text (above 18pt) WCAG AA × Fail

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 64, 30.694, 36.557 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

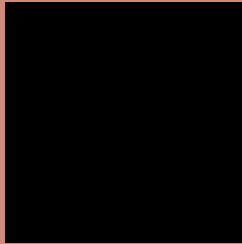
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 64, 30.694, 36.557

## Background



This preview shows how black text looks on a background with the CIELCh color 64, 30.694, 36.557.

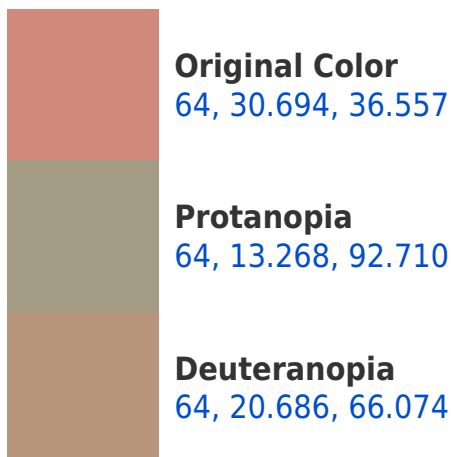


This preview shows how white text looks on a background with the CIELCh color 64, 30.694, 36.557.

# 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**  
64, 30.345, 12.350



# Trichromacy



**Original Color**  
64, 30.694, 36.557

**Protanomaly**  
64, 17.174, 60.188

**Deuteranomaly**  
64, 23.332, 52.060

**Tritanomaly**  
64, 29.753, 21.463

# Monochromacy



**Original Color**  
64, 30.694, 36.557

**Achromatopsia**  
65, 0.008, 296.813

**Achromatomaly**  
64, 10.407, 35.652

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 64, 30.694, 36.557 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(207, 138, 124)` looks like.

```
.text, #text, p{  
    color:rgb(207, 138, 124)  
}
```

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(207, 138, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 138, 124) }
```

## Border

The CSS property to change the border of an element to CIELCh 64, 30.694, 36.557 is called "border". The border property can be set on classes, ids or directly on the HTML element.

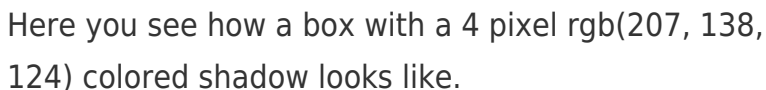
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 138, 124) }
```

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

```
.border{ border-color:rgb(207, 138, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 138, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 138, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 138, 124); box-shadow:4px 4px 4px 4px rgb(207, 138, 124) }
```

# Background

The CSS property to change the background color of an element to CIELCh 64, 30.694, 36.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 138, 124) }
```

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

```
.background{ background-color: rgb(207,  
138, 124) }
```

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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