

Converting Colors

CIELCh(64, 31.521, 60.627)

Have a look what the booklet for
CIELCh(64, 31.521, 60.627) contains.

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Color

CIELCh(64, 31.578, 60.601)

Conversions

Conversions Part 1

Format	Color
Hex	C5906B
RGB	197, 144, 107
RGB Percent	77%, 56%, 42%
CMY	0.2282, 0.4359, 0.5810
CMYK	0.00, 0.27, 0.46, 0.23
HSL	25°, 44%, 60%
HSV	25°, 46%, 77%
XYZ	35.5734, 32.8017, 18.3235
YIQ	155.6290, 43.4650, -0.2710

Conversions

Conversions Part 2

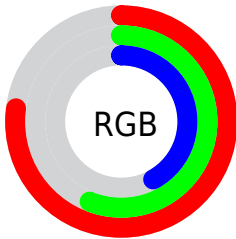
Format	Color
R_{YB}	197, 170, 107
Decimal	12947563
CIE _{Lab}	64.00, 15.50, 27.51
CIE _{LCh}	64, 31.578, 60.601
Yxy	32.8017, 0.4103, 0.3783
Android (android.graphics.Color)	4291137643 (0xFFC5906B)
YUV	155.6290, -23.9741, 36.2824
Hunter-Lab	57.2727, 10.6431, 21.1220

Details

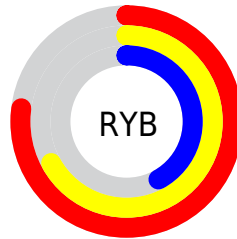
The CIELCh color **64, 31.578, 60.601** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **64, 25.618, 252.841**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 31.331, 60.792**, and **44, 31.622, 59.928** is the 20% darker color. If you saturate the color by 10%, you get **61, 39.664, 59.677**, and if you desaturate by 10%, it is **67, 23.907, 61.567**.

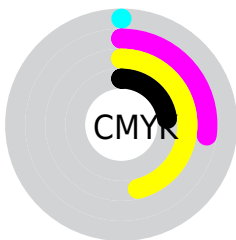
Distribution



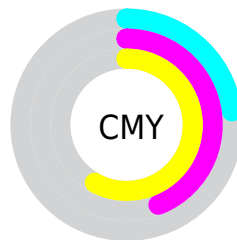
- Red (77%)
- Green (56%)
- Blue (42%)



- Red (77%)
- Yellow (67%)
- Blue (42%)



- Cyan (0%)
- Magenta (27%)
- Yellow (46%)
- Black (23%)



- Cyan (23%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 31.578, 60.601 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, 31.578, 60.601 by changing the saturation by 10% instead.

64, 31.578, 60.601

64, 31.578, 60.601

100, 31.578,
60.601

54, 31.578, 60.601

84, 31.578, 60.601

44, 31.578, 60.601

94, 31.578, 60.601

34, 31.578, 60.601

24, 31.578, 60.601

14, 31.578, 60.601

4, 31.578, 60.601

0, 31.578, 60.601

64, 31.578, 60.601

64, 31.578, 60.601

61, 39.664, 59.677

67, 23.907, 61.567

58, 48.063, 58.752

71, 16.680, 62.559

55, 56.509, 57.751

74, 9.882, 63.566

52, 64.432, 56.475

77, 3.485, 64.526

50, 70.828, 54.546

81, 2.551, 245.860

49, 73.308, 53.715

85, 8.263, 246.776

88, 13.689,
247.771

91, 15.869,
235.952

94, 17.065,
210.406

Harmonies

Complementary

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



64, 31.578, 60.601



64, 25.618, 252.841

Rectangle

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



64, 31.578, 60.601



64, 31.578, 110.601



64, 31.578, 240.601



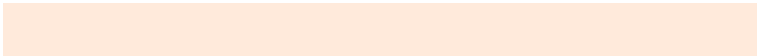
64, 31.578, 290.601

Sweetspot

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



64, 31.577, 60.606



94, 10.814, 63.717



57, 44.618, 342.701



49, 7.516, 63.497



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, 31.577, 60.606



77, 48.335, 59.664



75, 42.698, 100.951



40, 3.528, 64.192



41, 63.526, 54.262



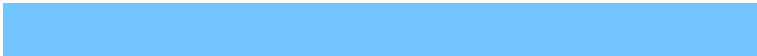
6, 13.082, 47.630

Inverse Universe

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



64, 25.618, 252.841



77, 37.176, 255.627



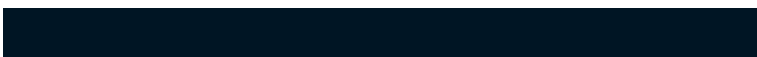
51, 47.052, 292.640



40, 3.406, 246.384



40, 42.829, 273.355



6, 12.643, 261.165

Previews

White Background



This preview shows how the CIELCh color 64, 31.578, 60.601 looks on a white background.

Color Contrast Check

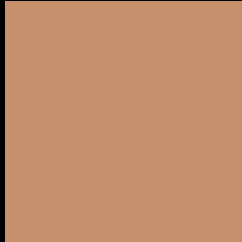
Large Text (above 18pt) WCAG AA × Fail

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, 31.578, 60.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

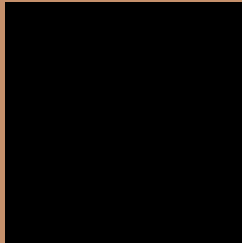
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 31.578, 60.601

Background



This preview shows how black text looks on a background with the CIELCh color 64, 31.578, 60.601.



This preview shows how white text looks on a background with the CIELCh color 64, 31.578, 60.601.

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

64, 31.578, 60.601

Protanopia

64, 24.286, 95.432

Deuteranopia

64, 29.093, 73.831



Tritanopia
64, 25.874, 8.697

Trichromacy



Original Color
64, 31.578, 60.601

Protanomaly
64, 25.679, 80.695

Deuteranomaly
64, 29.933, 68.728

Tritanomaly
64, 24.862, 29.384

Monochromacy



Original Color
64, 31.578, 60.601

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 10.992, 64.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 31.578, 60.601 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(197, 144, 107)` looks like.

```
.text, #text, p{  
    color:rgb(197, 144, 107)  
}
```

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(197, 144, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 144, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 31.578, 60.601 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(197, 144, 107) }
```

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

```
.border{ border-color:rgb(197, 144, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 144, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 144, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 144, 107); box-shadow:4px 4px 4px 4px rgb(197, 144, 107) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 31.578, 60.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 144, 107) }
```

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

```
.background{ background-color: rgb(197,  
144, 107) }
```

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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