

Converting Colors

CIELCh(64, 30.525, 59.575)

Have a look what the booklet for
CIELCh(64, 30.525, 59.575) contains.

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Color

CIELCh(64, 30.422, 59.803)

Conversions

Conversions Part 1

Format	Color
Hex	C4906D
RGB	196, 144, 109
RGB Percent	77%, 56%, 43%
CMY	0.2312, 0.4351, 0.5724
CMYK	0.00, 0.27, 0.44, 0.23
HSL	24°, 42%, 60%
HSV	24°, 44%, 77%
XYZ	35.5143, 32.8017, 18.9364
YIQ	155.5580, 42.2270, 0.1390

Conversions

Conversions Part 2

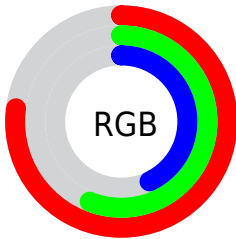
Format	Color
R _Y B	196, 168, 109
Decimal	12882029
CIE Lab	64.00, 15.30, 26.29
CIE LCh	64, 30.422, 59.803
Yxy	32.8017, 0.4070, 0.3759
Android (android.graphics.Color)	4291072109 (0xFFC4906D)
YUV	155.5580, -22.9531, 35.4676
Hunter-Lab	57.2727, 10.4588, 20.4875

Details

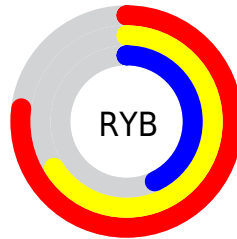
The CIELCh color **64, 30.422, 59.803** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **64, 24.674, 251.337**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 30.254, 59.985**, and **44, 30.370, 59.139** is the 20% darker color. If you saturate the color by 10%, you get **61, 38.457, 58.921**, and if you desaturate by 10%, it is **67, 22.820, 60.734**.

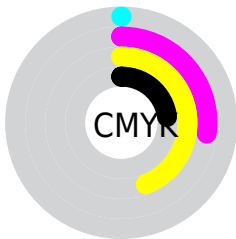
Distribution



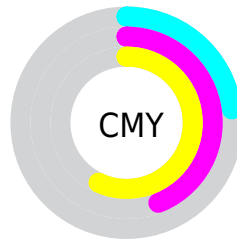
- Red (77%)
- Green (56%)
- Blue (43%)



- Red (77%)
- Yellow (66%)
- Blue (43%)



- Cyan (0%)
- Magenta (27%)
- Yellow (44%)
- Black (23%)



- Cyan (23%)
- Magenta (44%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 30.422, 59.803 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, 30.422, 59.803 by changing the saturation by 10% instead.

 64, 30.422, 59.803

 64, 30.422, 59.803

 100, 30.422,
59.803

 54, 30.422, 59.803

 84, 30.422, 59.803

 44, 30.422, 59.803

 94, 30.422, 59.803

 34, 30.422, 59.803

 24, 30.422, 59.803

 14, 30.422, 59.803

 4, 30.422, 59.803

 0, 30.422, 59.803

 64, 30.422, 59.803

 64, 30.422, 59.803

 61, 38.457, 58.921

 67, 22.820, 60.734

58, 46.839, 58.051

71, 15.671, 61.695

55, 55.336, 57.128

74, 8.956, 62.672

52, 63.434, 55.973

78, 2.643, 63.570

50, 70.172, 54.224

81, 3.307, 244.885

49, 73.433, 53.132

85, 8.934, 245.813

88, 14.275,
246.790

92, 16.042,
232.654

95, 17.628,
207.675

Harmonies

Complementary

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



64, 30.422, 59.803



64, 24.674, 251.337

Rectangle

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



64, 30.422, 59.803



64, 30.422, 109.803



64, 30.422, 239.803



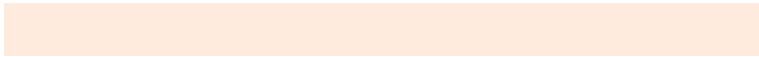
64, 30.422, 289.803

Sweetspot

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



64, 30.421, 59.808



94, 9.986, 62.787



57, 43.251, 342.550



49, 7.037, 62.569



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, 30.421, 59.808



78, 46.323, 58.969



75, 41.372, 101.093



39, 3.443, 63.153



40, 63.062, 53.714



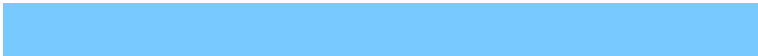
6, 11.537, 47.920

Inverse Universe

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



64, 24.674, 251.337



78, 35.675, 253.830



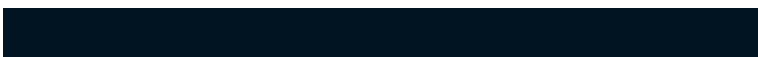
52, 45.410, 292.363



39, 3.320, 245.297



39, 41.551, 272.088



5, 11.548, 259.588

Previews

White Background



This preview shows how the CIELCh color 64, 30.422, 59.803 looks on a white background.

Color Contrast Check

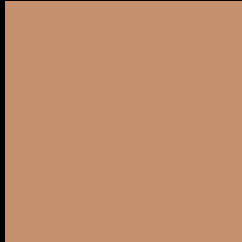
Large Text (above 18pt) WCAG AA × Fail

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, 30.422, 59.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

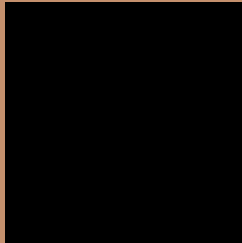
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 30.422, 59.803

Background



This preview shows how black text looks on a background with the CIELCh color 64, 30.422, 59.803.



This preview shows how white text looks on a background with the CIELCh color 64, 30.422, 59.803.

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, 30.422, 59.803

Protanopia

64, 23.218, 95.032

Deuteranopia

64, 27.888, 73.523



Tritanopia
64, 24.989, 9.383

Trichromacy



Original Color
64, 30.422, 59.803

Protanomaly
64, 24.685, 79.746

Deuteranomaly
64, 28.739, 68.219

Tritanomaly
64, 24.555, 30.695

Monochromacy



Original Color
64, 30.422, 59.803

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 10.573, 62.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 30.422, 59.803 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(196, 144, 109)` looks like.

```
.text, #text, p{  
    color:rgb(196, 144, 109)  
}
```

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(196, 144, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 144, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 30.422, 59.803 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(196, 144, 109) }
```

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

```
.border{ border-color:rgb(196, 144, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 144, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 144, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 144, 109); box-shadow:4px 4px 4px 4px rgb(196, 144, 109) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 30.422, 59.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 144, 109) }
```

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

```
.background{ background-color: rgb(196,  
144, 109) }
```

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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