

Converting Colors

CIELCh(61, 32.451, 30.481)

Have a look what the booklet for
CIELCh(61, 32.451, 30.481) contains.

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Color

CIELCh(61, 32.141, 30.541)

Conversions

Conversions Part 1

Format	Color
Hex	CA8078
RGB	202, 128, 120
RGB Percent	79%, 50%, 47%
CMY	0.2089, 0.4989, 0.5303
CMYK	0.00, 0.37, 0.41, 0.21
HSL	6°, 43%, 63%
HSV	6°, 41%, 79%
XYZ	35.3516, 29.2481, 21.4793
YIQ	149.2140, 46.6720, 13.2000

Conversions

Conversions Part 2

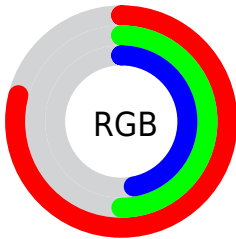
Format	Color
R_{YB}	202, 129, 120
Decimal	13271160
CIE Lab	61.00, 27.68, 16.33
CIE LCh	61, 32.141, 30.541
Yxy	29.2481, 0.4107, 0.3398
Android (android.graphics.Color)	4291461240 (0xFFCA8078)
YUV	149.2140, -14.4025, 46.2933
Hunter-Lab	54.0815, 22.0379, 14.3092

Details

The CIELCh color **61, 32.141, 30.541** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **74, 23.778, 208.291**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 29.669, 31.835**, and **41, 31.771, 30.397** is the 20% darker color. If you saturate the color by 10%, you get **57, 41.569, 31.725**, and if you desaturate by 10%, it is **66, 23.283, 29.676**.

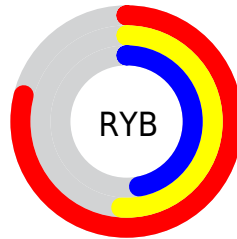
Distribution



Red (79%)

Green (50%)

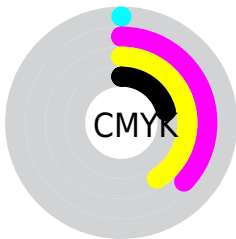
Blue (47%)



Red (79%)

Yellow (51%)

Blue (47%)

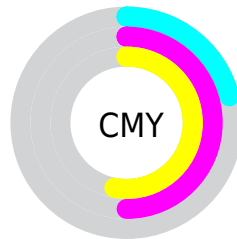


Cyan (0%)

Magenta (37%)

Yellow (41%)

Black (21%)



Cyan (21%)

Magenta (50%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 32.141, 30.541 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 61, 32.141, 30.541 by changing the saturation by 10% instead.

61, 32.141, 30.541

61, 32.141, 30.541

100, 32.141,
30.541

51, 32.141, 30.541

81, 32.141, 30.541

41, 32.141, 30.541

91, 32.141, 30.541

31, 32.141, 30.541

21, 32.141, 30.541

11, 32.141, 30.541

1, 32.141, 30.541

0, 32.141, 30.541

61, 32.141, 30.541

61, 32.141, 30.541

57, 41.569, 31.725

66, 23.283, 29.676

53, 51.447, 33.278

71, 15.051, 29.048

49, 61.539, 35.227

76, 7.442, 28.585

46, 71.406, 37.469

81, 0.423, 27.056

44, 80.120, 39.573

86, 6.054, 208.301

43, 86.190, 41.056

91, 12.043,
208.164

97, 17.569,
198.341

Harmonies

Complementary

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



61, 32.141, 30.541



74, 23.778, 208.291

Rectangle

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



61, 32.141, 30.541



61, 32.141, 80.541



61, 32.141, 210.541



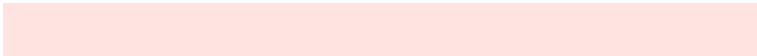
61, 32.141, 260.541

Sweetspot

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



61, 32.139, 30.545



92, 10.225, 28.650



62, 50.261, 329.092



48, 6.819, 28.707



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 32.139, 30.545



71, 48.492, 31.597



71, 29.981, 78.509



40, 3.987, 28.533



35, 74.149, 41.168



4, 16.922, 24.507

Inverse Universe

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



74, 23.778, 208.291



90, 33.094, 208.575



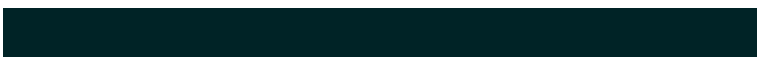
63, 28.324, 270.945



42, 3.753, 208.281



57, 32.411, 213.550



11, 12.281, 209.643

Previews

White Background



This preview shows how the CIELCh color 61, 32.141, 30.541 looks on a white background.

Color Contrast Check

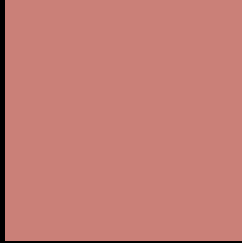
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 32.141, 30.541 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 × Fail

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

CIELCh 61, 32.141, 30.541

Background



This preview shows how black text looks on a background with the CIELCh color 61, 32.141, 30.541.

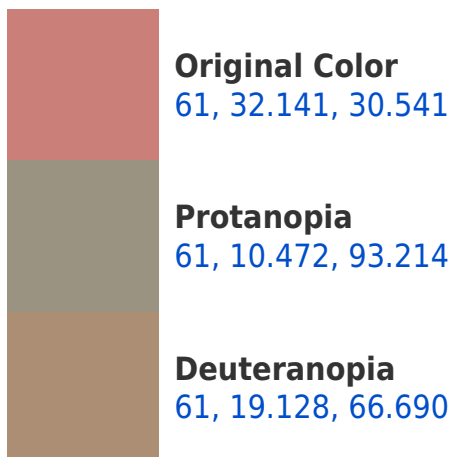


This preview shows how white text looks on a background with the CIELCh color 61, 32.141, 30.541.

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
61, 31.928, 14.150

Trichromacy



Original Color
61, 32.141, 30.541

Protanomaly
61, 15.242, 51.214

Deuteranomaly
61, 22.648, 48.728

Tritanomaly
61, 31.768, 20.938

Monochromacy



Original Color
61, 32.141, 30.541

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 11.064, 29.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 32.141, 30.541 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(202, 128, 120)` looks like.

```
.text, #text, p{  
    color:rgb(202, 128, 120)  
}
```

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(202, 128, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 128, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 32.141, 30.541 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(202, 128, 120) }
```

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

```
.border{ border-color:rgb(202, 128, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 128, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 128, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 128, 120);  
box-shadow:4px 4px 4px 4px rgb(202, 128,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 32.141, 30.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 128, 120) }
```

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

```
.background{ background-color: rgb(202,  
128, 120) }
```

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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