

Converting Colors

CIELCh(60, 31.886, 24.888)

Have a look what the booklet for
CIELCh(60, 31.886, 24.888) contains.

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Color

CIELCh(60, 31.886, 24.888)

Conversions

Conversions Part 1

Format	Color
Hex	C77C7A
RGB	199, 124, 122
RGB Percent	78%, 49%, 48%
CMY	0.2180, 0.5122, 0.5201
CMYK	0.00, 0.38, 0.39, 0.22
HSL	2°, 41%, 63%
HSV	2°, 39%, 78%
XYZ	34.4546, 28.1233, 22.1443
YIQ	146.1970, 45.3420, 15.2780

Conversions

Conversions Part 2

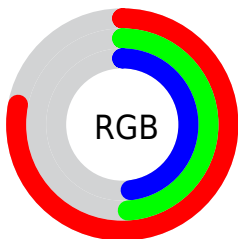
Format	Color
R _Y B	199, 124, 122
Decimal	13073530
CIE Lab	60.00, 28.92, 13.42
CIE LCh	60, 31.886, 24.888
Yxy	28.1233, 0.4067, 0.3319
Android (android.graphics.Color)	4291263610 (0xFFC77C7A)
YUV	146.1970, -11.9291, 46.3082
Hunter-Lab	53.0314, 23.1667, 12.3643

Details

The CIELCh color **60, 31.886, 24.888** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **75, 24.196, 200.223**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 30.954, 24.905**, and **40, 32.065, 25.543** is the 20% darker color. If you saturate the color by 10%, you get **55, 41.505, 26.477**, and if you desaturate by 10%, it is **65, 22.769, 23.684**.

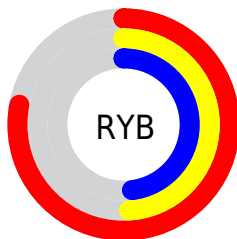
Distribution



Red (78%)

Green (49%)

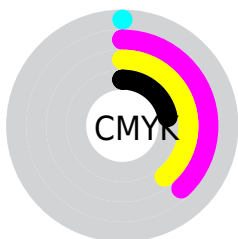
Blue (48%)



Red (78%)

Yellow (49%)

Blue (48%)

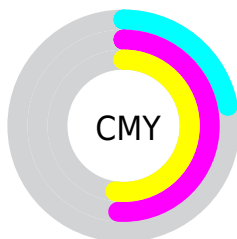


Cyan (0%)

Magenta (38%)

Yellow (39%)

Black (22%)



Cyan (22%)

Magenta (51%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 31.886, 24.888 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 60, 31.886, 24.888 by changing the saturation by 10% instead.

60, 31.886, 24.888

60, 31.886, 24.888

100, 31.886,
24.888

50, 31.886, 24.888

80, 31.886, 24.888

40, 31.886, 24.888

90, 31.886, 24.888

30, 31.886, 24.888

20, 31.886, 24.888

10, 31.886, 24.888

0, 31.886, 24.888

60, 31.886, 24.888

60, 31.886, 24.888

55, 41.505, 26.477

65, 22.769, 23.684

51, 51.460, 28.535

70, 14.249, 22.760

■ 48, 61.474, 31.134

■ 76, 6.345, 22.022

■ 45, 71.134, 34.216

■ 81, 0.961, 202.159

■ 43, 79.672, 37.382

■ 87, 7.713, 201.253

■ 42, 85.766, 39.873

■ 92, 13.965,
200.913

■ 42, 86.547, 40.250

■ 96, 18.279,
198.296

Harmonies

Complementary

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



60, 31.886, 24.888



75, 24.196, 200.223

Rectangle

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



60, 31.886, 24.888



60, 31.886, 74.888



60, 31.886, 204.888



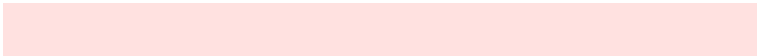
60, 31.886, 254.888

Sweetspot

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



60, 31.884, 24.892



92, 10.916, 22.271



62, 49.636, 326.969



48, 7.279, 22.366



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 31.884, 24.892



71, 47.628, 26.130



69, 27.163, 72.312



39, 4.169, 22.074



34, 74.285, 40.124



4, 15.626, 20.784

Inverse Universe

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



75, 24.196, 200.223



93, 33.806, 200.052



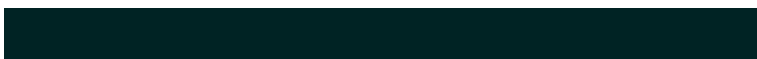
64, 24.632, 263.788



41, 3.929, 201.299



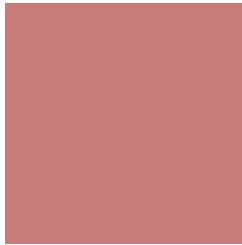
59, 34.617, 200.525



11, 12.620, 199.584

Previews

White Background



This preview shows how the CIELCh color 60, 31.886, 24.888 looks on a white background.

Color Contrast Check

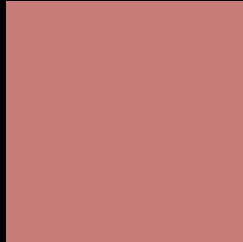
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 60, 31.886, 24.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

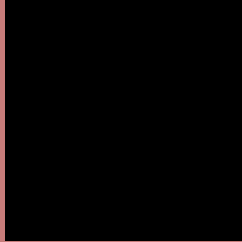
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 31.886, 24.888

Background



This preview shows how black text looks on a background with the CIELCh color 60, 31.886, 24.888.

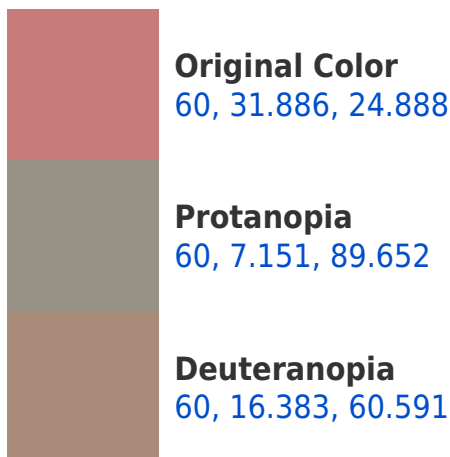


This preview shows how white text looks on a background with the CIELCh color 60, 31.886, 24.888.

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
60, 32.057, 14.240

Trichromacy



Original Color
60, 31.886, 24.888

Protanomaly
60, 13.854, 41.811

Deuteranomaly
60, 20.618, 41.677

Tritanomaly
60, 31.769, 19.041

Monochromacy



Original Color
60, 31.886, 24.888

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 10.919, 23.393

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 31.886, 24.888 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(199, 124, 122)` looks like.

```
.text, #text, p{  
    color:rgb(199, 124, 122)  
}
```

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(199, 124, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 124, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 31.886, 24.888 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(199, 124, 122) }
```

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

```
.border{ border-color:rgb(199, 124, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 124, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 124, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 124, 122);  
box-shadow:4px 4px 4px 4px rgb(199, 124,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 31.886, 24.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 124, 122) }
```

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

```
.background{ background-color: rgb(199,  
124, 122) }
```

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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