

Converting Colors

CIELCh(60, 33.886, 23.598)

Have a look what the booklet for
CIELCh(60, 33.886, 23.598) contains.

CIELCh(60, 33.966, 24.115)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(60, 33.966, 24.115)

Conversions

Conversions Part 1

Format	Color
Hex	CB7B7A
RGB	203, 123, 122
RGB Percent	80%, 48%, 48%
CMY	0.2054, 0.5189, 0.5229
CMYK	0.00, 0.39, 0.40, 0.21
HSL	1°, 44%, 64%
HSV	1°, 40%, 79%
XYZ	35.0603, 28.1233, 21.8864
YIQ	146.8060, 48.0010, 16.6490

Conversions

Conversions Part 2

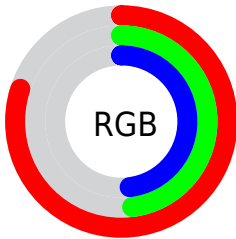
Format	Color
R_{YB}	203, 123, 122
Decimal	13335418
CIE Lab	60.00, 31.00, 13.88
CIE LCh	60, 33.966, 24.115
Yxy	28.1233, 0.4121, 0.3306
Android (android.graphics.Color)	4291525498 (0xFFCB7B7A)
YUV	146.8060, -12.2294, 49.2821
Hunter-Lab	53.0314, 25.2053, 12.6526

Details

The CIELCh color **60, 33.966, 24.115** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **76, 25.553, 198.758**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 31.299, 23.973**, and **40, 33.810, 24.859** is the 20% darker color. If you saturate the color by 10%, you get **55, 43.840, 25.854**, and if you desaturate by 10%, it is **65, 24.560, 22.792**.

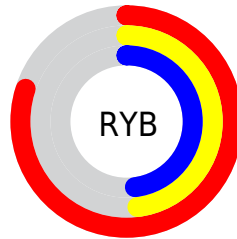
Distribution



Red (80%)

Green (48%)

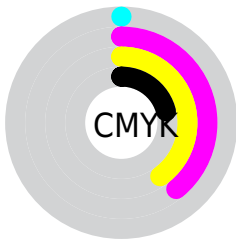
Blue (48%)



Red (80%)

Yellow (48%)

Blue (48%)

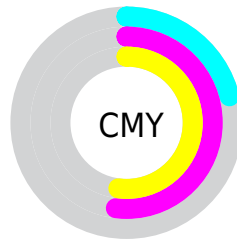


Cyan (0%)

Magenta (39%)

Yellow (40%)

Black (21%)



Cyan (21%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 33.966, 24.115 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, 33.966, 24.115 by changing the saturation by 10% instead.

60, 33.966, 24.115

60, 33.966, 24.115

100, 33.966,
24.115

50, 33.966, 24.115

80, 33.966, 24.115

40, 33.966, 24.115

90, 33.966, 24.115

30, 33.966, 24.115

20, 33.966, 24.115

10, 33.966, 24.115

0, 33.966, 24.115

60, 33.966, 24.115

60, 33.966, 24.115

55, 43.840, 25.854

65, 24.560, 22.792

51, 53.983, 28.101

70, 15.742, 21.773

■ 48, 64.086, 30.924

■ 76, 7.547, 20.965

■ 45, 73.695, 34.232

■ 82, 0.036, 216.347

■ 43, 81.954, 37.535

■ 87, 7.042, 200.066

■ 42, 87.749, 40.102

■ 93, 13.530,
199.668

■ 42, 87.777, 40.115

■ 97, 17.297,
198.359

Harmonies

Complementary

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



60, 33.966, 24.115



76, 25.553, 198.758

Rectangle

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



60, 33.966, 24.115



60, 33.966, 74.115



60, 33.966, 204.115



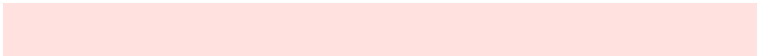
60, 33.966, 254.115

Sweetspot

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



60, 33.964, 24.119



92, 11.064, 21.132



62, 52.489, 326.565



48, 7.378, 21.234



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, 33.964, 24.119



69, 50.574, 25.601



69, 28.345, 70.450



40, 4.316, 20.924



34, 75.384, 39.982



4, 17.778, 20.016

Inverse Universe

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



76, 25.553, 198.758



93, 35.411, 198.514



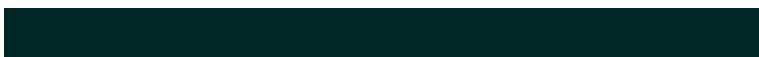
65, 25.299, 262.278



42, 4.067, 200.054



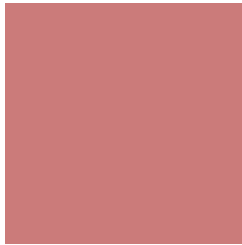
61, 35.676, 198.295



13, 13.328, 197.895

Previews

White Background



This preview shows how the CIELCh color 60, 33.966, 24.115 looks on a white background.

Color Contrast Check

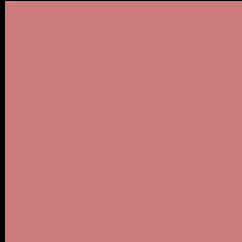
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 33.966, 24.115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

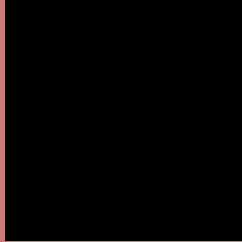
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 33.966, 24.115

Background



This preview shows how black text looks on a background with the CIELCh color 60, 33.966, 24.115.



This preview shows how white text looks on a background with the CIELCh color 60, 33.966, 24.115.

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

60, 33.966, 24.115

Protanopia

60, 7.026, 92.766

Deuteranopia

60, 16.786, 61.910



Tritanopia
60, 34.209, 15.120

Trichromacy



Original Color
60, 33.966, 24.115

Protanomaly
60, 14.044, 39.168

Deuteranomaly
60, 21.889, 40.572

Tritanomaly
60, 33.910, 18.675

Monochromacy



Original Color
60, 33.966, 24.115

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 11.764, 23.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 33.966, 24.115 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(203, 123, 122)` looks like.

```
.text, #text, p{  
    color:rgb(203, 123, 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(203, 123, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 123, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 33.966, 24.115 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(203, 123, 122) }
```

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

```
.border{ border-color:rgb(203, 123, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 123, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 123, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 123, 122);  
box-shadow:4px 4px 4px 4px rgb(203, 123,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 33.966, 24.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 123, 122) }
```

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

```
.background{ background-color: rgb(203,  
123, 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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