

Converting Colors

CIELCh(60, 33.906, 23.227)

Have a look what the booklet for
CIELCh(60, 33.906, 23.227) contains.

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Color

CIELCh(60, 33.854, 23.199)

Conversions

Conversions Part 1

Format	Color
Hex	CB7B7B
RGB	203, 123, 123
RGB Percent	80%, 48%, 48%
CMY	0.2056, 0.5192, 0.5192
CMYK	0.00, 0.39, 0.39, 0.21
HSL	360°, 43%, 64%
HSV	360°, 39%, 79%
XYZ	35.0940, 28.1233, 22.1913
YIQ	146.9200, 47.6800, 16.9600

Conversions

Conversions Part 2

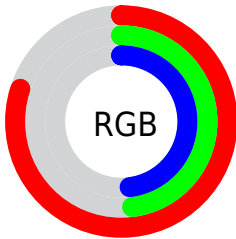
Format	Color
R_{YB}	203, 123, 123
Decimal	13335419
CIE _{Lab}	60.00, 31.12, 13.34
CIE _{LCh}	60, 33.854, 23.199
Yxy	28.1233, 0.4109, 0.3293
Android (android.graphics.Color)	4291525499 (0xFFCB7B7B)
YUV	146.9200, -11.7926, 49.1822
Hunter-Lab	53.0314, 25.3189, 12.3118

Details

The CIELCh color **60, 33.854, 23.199** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **77, 25.630, 197.535**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 31.212, 23.025**, and **40, 33.660, 23.877** is the 20% darker color. If you saturate the color by 10%, you get **55, 43.769, 24.995**, and if you desaturate by 10%, it is **65, 24.393, 21.830**.

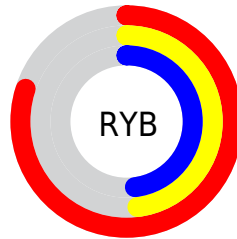
Distribution



Red (80%)

Green (48%)

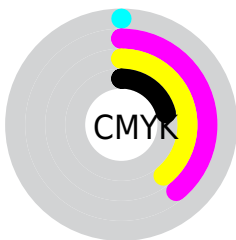
Blue (48%)



Red (80%)

Yellow (48%)

Blue (48%)

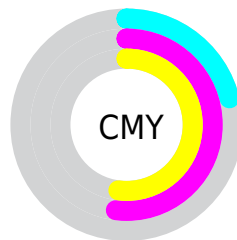


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (21%)



Cyan (21%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 33.854, 23.199 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, 33.854, 23.199 by changing the saturation by 10% instead.

60, 33.854, 23.199

60, 33.854, 23.199

100, 33.854,
23.199

50, 33.854, 23.199

80, 33.854, 23.199

40, 33.854, 23.199

90, 33.854, 23.199

30, 33.854, 23.199

20, 33.854, 23.199

10, 33.854, 23.199

0, 33.854, 23.199

60, 33.854, 23.199

60, 33.854, 23.199

55, 43.769, 24.995

65, 24.393, 21.830

51, 53.930, 27.315

71, 15.512, 20.771

■ 48, 64.017, 30.239

■ 76, 7.254, 19.925

■ 45, 73.585, 33.686

■ 82, 0.390, 200.807

■ 43, 81.823, 37.178

■ 88, 7.458, 198.960

■ 42, 87.608, 39.851

■ 93, 14.004,
198.536

■ 42, 87.919, 39.998

■ 97, 17.316,
198.358

Harmonies

Complementary

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



60, 33.854, 23.199



77, 25.630, 197.535

Rectangle

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



60, 33.854, 23.199



60, 33.854, 73.199



60, 33.854, 203.199



60, 33.854, 253.199

Sweetspot

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



60, 33.852, 23.203



92, 11.200, 20.140



62, 51.674, 326.054



48, 7.468, 20.248



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, 33.852, 23.203



70, 49.864, 24.629



69, 27.796, 68.799



40, 4.369, 19.920



34, 75.551, 39.820



4, 17.910, 19.402

Inverse Universe

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



60, 33.852, 23.203



70, 49.864, 24.629



66, 24.548, 260.274



40, 4.369, 19.920



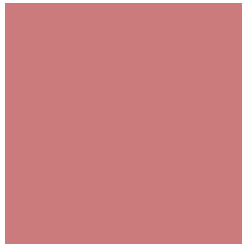
34, 75.551, 39.820



4, 17.910, 19.402

Previews

White Background



This preview shows how the CIELCh color 60, 33.854, 23.199 looks on a white background.

Color Contrast Check

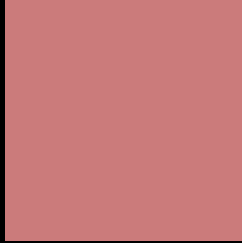
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.854, 23.199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

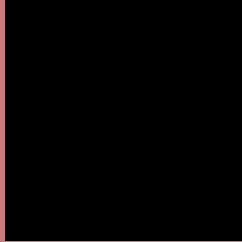
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 33.854, 23.199

Background



This preview shows how black text looks on a background with the CIELCh color 60, 33.854, 23.199.



This preview shows how white text looks on a background with the CIELCh color 60, 33.854, 23.199.

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, 33.854, 23.199

Protanopia

60, 6.107, 86.302

Deuteranopia

60, 16.383, 60.591



Tritanopia
60, 34.209, 15.120

Trichromacy



Original Color
60, 33.854, 23.199

Protanomaly
60, 14.077, 34.477

Deuteranomaly
60, 21.644, 39.263

Tritanomaly
60, 33.910, 18.675

Monochromacy



Original Color
60, 33.854, 23.199

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 11.716, 20.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 33.854, 23.199 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, 123)` looks like.

```
.text, #text, p{  
    color:rgb(203, 123, 123)  
}
```

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, 123) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 60, 33.854, 23.199 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, 123) }
```

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

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

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, 123)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 60, 33.854, 23.199 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, 123) }
```

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

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

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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