

Converting Colors

CIELCh(60, 24.088, 33.306)

Have a look what the booklet for
CIELCh(60, 24.088, 33.306) contains.

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Color

CIELCh(60, 24.029, 33.704)

Conversions

Conversions Part 1

Format	Color
Hex	BA837A
RGB	186, 131, 122
RGB Percent	73%, 51%, 48%
CMY	0.2701, 0.4858, 0.5211
CMYK	0.00, 0.30, 0.34, 0.27
HSL	8°, 32%, 60%
HSV	8°, 34%, 73%
XYZ	31.9285, 28.1233, 22.1926
YIQ	146.4190, 35.6690, 8.8610

Conversions

Conversions Part 2

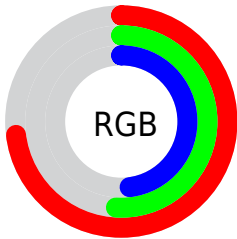
Format	Color
R_{YB}	186, 132, 122
Decimal	12223354
CIE Lab	60.00, 19.99, 13.33
CIE LCh	60, 24.029, 33.704
Yxy	28.1233, 0.3882, 0.3419
Android (android.graphics.Color)	4290413434 (0xFFBA837A)
YUV	146.4190, -12.0386, 34.7125
Hunter-Lab	53.0314, 14.6641, 12.3104

Details

The CIELCh color **60, 24.029, 33.704** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **69, 18.771, 213.424**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 24.008, 33.826**, and **40, 24.089, 34.054** is the 20% darker color. If you saturate the color by 10%, you get **56, 32.287, 34.397**, and if you desaturate by 10%, it is **64, 16.351, 33.246**.

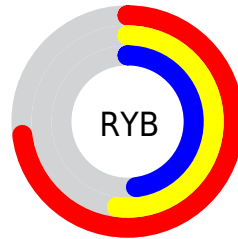
Distribution



Red (73%)

Green (51%)

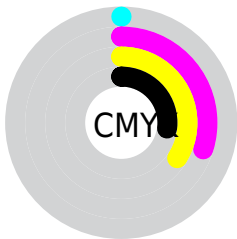
Blue (48%)



Red (73%)

Yellow (52%)

Blue (48%)

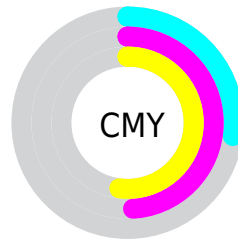


Cyan (0%)

Magenta (30%)

Yellow (34%)

Black (27%)



Cyan (27%)

Magenta (49%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 24.029, 33.704 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, 24.029, 33.704 by changing the saturation by 10% instead.

60, 24.029, 33.704

60, 24.029, 33.704

100, 24.029,
33.704

50, 24.029, 33.704

80, 24.029, 33.704

40, 24.029, 33.704

90, 24.029, 33.704

30, 24.029, 33.704

20, 24.029, 33.704

10, 24.029, 33.704

0, 24.029, 33.704

60, 24.029, 33.704

60, 24.029, 33.704

56, 32.287, 34.397

64, 16.351, 33.246

52, 41.086, 35.362

69, 9.256, 32.949

■ 48, 50.307, 36.644

■ 74, 2.711, 32.677

■ 45, 59.710, 38.222

■ 78, 3.328, 212.997

■ 43, 68.792, 39.920

■ 83, 8.911, 212.945

■ 41, 76.452, 41.199

■ 88, 14.089,
213.027

■ 40, 80.083, 41.939

■ 92, 18.911,
213.162

■ 96, 22.235,
198.047

Harmonies

Complementary

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



60, 24.029, 33.704



69, 18.771, 213.424

Rectangle

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



60, 24.029, 33.704



60, 24.029, 83.704



60, 24.029, 213.704



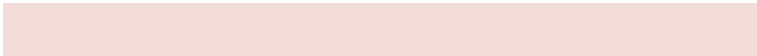
60, 24.029, 263.704

Sweetspot

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



60, 24.027, 33.710



90, 7.829, 32.852



60, 38.759, 330.358



47, 5.416, 32.884



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



60, 24.027, 33.710



73, 36.546, 34.185



68, 24.390, 83.899



36, 3.529, 32.833



33, 69.662, 42.014



3, 9.654, 28.890

Inverse Universe

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



69, 18.771, 213.424



86, 26.835, 213.781



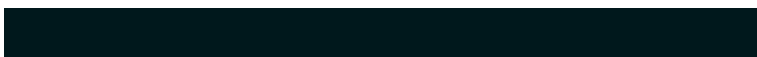
60, 23.852, 273.910



38, 3.325, 212.941



51, 30.212, 222.267



7, 8.790, 219.358

Previews

White Background



This preview shows how the CIELCh color 60, 24.029, 33.704 looks on a white background.

Color Contrast Check

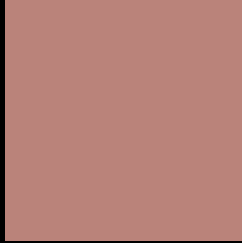
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.029, 33.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

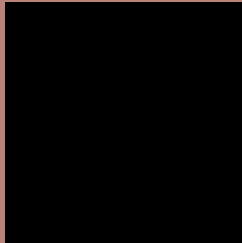
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 24.029, 33.704

Background



This preview shows how black text looks on a background with the CIELCh color 60, 24.029, 33.704.



This preview shows how white text looks on a background with the CIELCh color 60, 24.029, 33.704.

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, 24.029, 33.704

Protanopia

60, 8.895, 90.534

Deuteranopia

60, 15.657, 60.179



Tritanopia
60, 24.459, 10.364

Trichromacy



Original Color
60, 24.029, 33.704

Protanomaly
60, 12.766, 54.943

Deuteranomaly
60, 18.320, 47.919

Tritanomaly
60, 23.596, 19.264

Monochromacy



Original Color
60, 24.029, 33.704

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 8.219, 31.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 24.029, 33.704 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(186, 131, 122)` looks like.

```
.text, #text, p{  
    color:rgb(186, 131, 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(186, 131, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 131, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 24.029, 33.704 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(186, 131, 122) }
```

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

```
.border{ border-color:rgb(186, 131, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 131, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 131, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 131, 122);  
box-shadow:4px 4px 4px 4px rgb(186, 131,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 24.029, 33.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 131, 122) }
```

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

```
.background{ background-color: rgb(186,  
131, 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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