

Converting Colors

CIELCh(60, 17.587, 13.990)

Have a look what the booklet for
CIELCh(60, 17.587, 13.990) contains.

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Color

CIELCh(60, 17.587, 13.990)

Conversions

Conversions Part 1

Format	Color
Hex	B1868A
RGB	177, 134, 138
RGB Percent	69%, 53%, 54%
CMY	0.3069, 0.4755, 0.4598
CMYK	0.00, 0.24, 0.22, 0.31
HSL	354°, 22%, 61%
HSV	354°, 24%, 69%
XYZ	31.1293, 28.1233, 27.7365
YIQ	147.3130, 24.3440, 10.3600

Conversions

Conversions Part 2

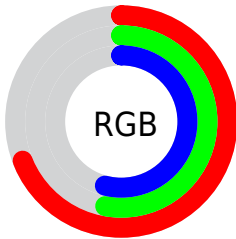
Format	Color
RYB	177, 134, 138
Decimal	11634314
CIELab	60.00, 17.07, 4.25
CIELCh	60, 17.587, 13.990
Yxy	28.1233, 0.3579, 0.3233
Android (android.graphics.Color)	4289824394 (0xFFB1868A)
YUV	147.3130, -4.5913, 26.0355
Hunter-Lab	53.0314, 11.9739, 6.1122

Details

The CIELCh color **60, 17.587, 13.990** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69, 15.416, 189.921**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 17.629, 13.979**, and **40, 17.829, 14.364** is the 20% darker color. If you saturate the color by 10%, you get **55, 25.558, 15.346**, and if you desaturate by 10%, it is **65, 10.029, 12.893**.

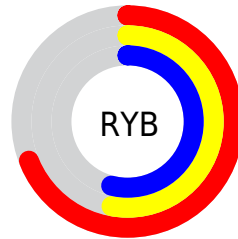
Distribution



Red (69%)

Green (53%)

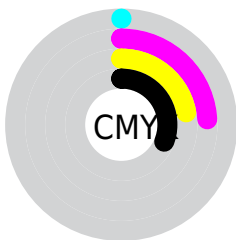
Blue (54%)



Red (69%)

Yellow (53%)

Blue (54%)

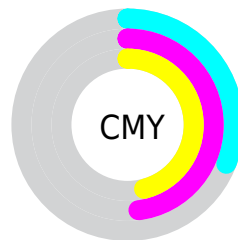


Cyan (0%)

Magenta (24%)

Yellow (22%)

Black (31%)



Cyan (31%)

Magenta (48%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 17.587, 13.990 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, 17.587, 13.990 by changing the saturation by 10% instead.

60, 17.587, 13.990

60, 17.587, 13.990

100, 17.587,
13.990

50, 17.587, 13.990

80, 17.587, 13.990

40, 17.587, 13.990

90, 17.587, 13.990

30, 17.587, 13.990

20, 17.587, 13.990

10, 17.587, 13.990

0, 17.587, 13.990

60, 17.587, 13.990

60, 17.587, 13.990

55, 25.558, 15.346

65, 10.029, 12.893

51, 33.852, 17.039

70, 2.928, 11.890

47, 42.294, 19.188

75, 3.718, 191.453

43, 50.641, 21.919

80, 9.933, 190.749

40, 58.611, 25.336

85, 15.750,
190.198

38, 65.937, 29.425

91, 21.209,
189.728

37, 72.316, 33.868

37, 75.505, 36.052

95, 25.368,
191.929

95, 24.906,
197.882

Harmonies

Complementary

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



60, 17.587, 13.990



69, 15.416, 189.921

Rectangle

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



60, 17.587, 13.990



60, 17.587, 63.990



60, 17.587, 193.990



60, 17.587, 243.990

Sweetspot

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



60, 17.585, 13.995



87, 5.921, 12.188



61, 28.089, 322.872



45, 3.851, 12.244



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



60, 17.585, 13.995



73, 26.343, 14.658



64, 14.349, 61.452



35, 3.934, 12.403



31, 67.478, 35.528



2, 9.218, 13.451

Inverse Universe

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



60, 17.585, 13.995



73, 26.343, 14.658



64, 12.910, 247.027



35, 3.934, 12.403



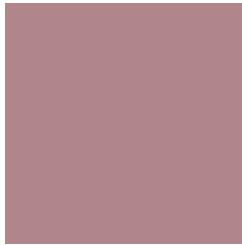
31, 67.478, 35.528



2, 9.218, 13.451

Previews

White Background



This preview shows how the CIELCh color 60, 17.587, 13.990 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, 17.587, 13.990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

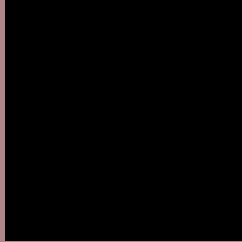
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 17.587, 13.990

Background



This preview shows how black text looks on a background with the CIELCh color 60, 17.587, 13.990.



This preview shows how white text looks on a background with the CIELCh color 60, 17.587, 13.990.

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, 17.587, 13.990

Protanopia

60, 1.561, 19.281

Deuteranopia

60, 9.039, 30.924



Tritanopia
60, 18.454, 3.802

Trichromacy



Original Color
60, 17.587, 13.990

Protanomaly
60, 7.231, 11.153

Deuteranomaly
60, 11.764, 23.278

Tritanomaly
60, 18.240, 7.214

Monochromacy



Original Color
60, 17.587, 13.990

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 6.420, 9.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 17.587, 13.990 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(177, 134, 138)` looks like.

```
.text, #text, p{  
    color:rgb(177, 134, 138)  
}
```

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(177, 134, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 134, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 17.587, 13.990 is called "border". The border property can be set on classes, ids or directly on the HTML element.

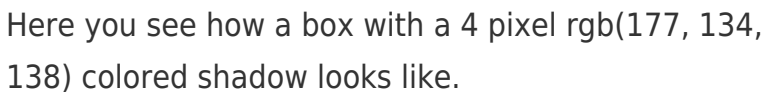
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 134, 138) }
```

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

```
.border{ border-color:rgb(177, 134, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 134, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 134, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 134, 138);  
box-shadow:4px 4px 4px 4px rgb(177, 134,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 17.587, 13.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 134, 138) }
```

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

```
.background{ background-color: rgb(177,  
134, 138) }
```

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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