

Converting Colors

CIELCh(60, 14.963, 1.612)

Have a look what the booklet for
CIELCh(60, 14.963, 1.612) contains.

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Color

CIELCh(60, 15.187, 1.645)

Conversions

Conversions Part 1

Format	Color
Hex	AB8790
RGB	171, 135, 144
RGB Percent	67%, 53%, 56%
CMY	0.3282, 0.4694, 0.4341
CMYK	0.00, 0.21, 0.16, 0.33
HSL	345°, 18%, 60%
HSV	345°, 21%, 67%
XYZ	30.6214, 28.1233, 30.3169
YIQ	146.7900, 18.5670, 10.4310

Conversions

Conversions Part 2

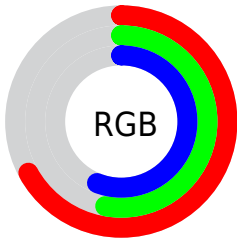
Format	Color
RYB	171, 135, 144
Decimal	11241360
CIELab	60.00, 15.18, 0.44
CIElCh	60, 15.187, 1.645
Yxy	28.1233, 0.3438, 0.3158
Android (android.graphics.Color)	4289431440 (0xFFAB8790)
YUV	146.7900, -1.3755, 21.2322
Hunter-Lab	53.0314, 10.2645, 3.2272

Details

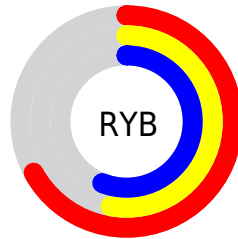
The CIELCh color $60, 15.187, 1.645$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $67, 14.138, 177.598$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 15.528, 0.761$, and $40, 15.185, 0.760$ is the 20% darker color. If you saturate the color by 10%, you get $55, 22.832, 2.967$, and if you desaturate by 10%, it is $65, 7.789, 0.515$.

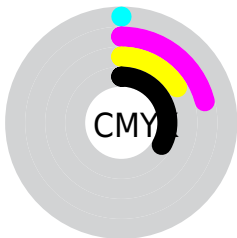
Distribution



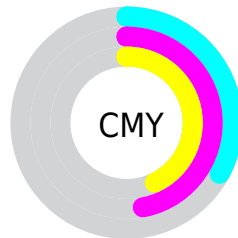
- Red (67%)
- Green (53%)
- Blue (56%)



- Red (67%)
- Yellow (53%)
- Blue (56%)



- Cyan (0%)
- Magenta (21%)
- Yellow (16%)
- Black (33%)



- Cyan (33%)
- Magenta (47%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 15.187, 1.645 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, 15.187, 1.645 by changing the saturation by 10% instead.

 60, 15.187, 1.645  60, 15.187, 1.645

 100, 15.187, 1.645  50, 15.187, 1.645

 80, 15.187, 1.645  40, 15.187, 1.645

 90, 15.187, 1.645  30, 15.187, 1.645

 20, 15.187, 1.645

 10, 15.187, 1.645

 0, 15.187, 1.645

 60, 15.187, 1.645  60, 15.187, 1.645

 55, 22.832, 2.967  65, 7.789, 0.515

 51, 30.609, 4.548  70, 0.708, 358.996

47, 38.320, 6.486

75, 6.036, 178.858

43, 45.691, 8.906

79, 12.444,
178.084

40, 52.403, 11.959

84, 18.532,
177.413

38, 58.180, 15.799

37, 62.926, 20.505

89, 24.324,
176.813

36, 66.694, 25.133

94, 29.742,
176.414

95, 27.249,
189.067

95, 26.400,
197.790

Harmonies

Complementary

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



60, 15.187, 1.645



67, 14.138, 177.598

Rectangle

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



60, 15.187, 1.645



60, 15.187, 51.645



60, 15.187, 181.645



60, 15.187, 231.645

Sweetspot

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



60, 15.185, 1.649



85, 5.175, 359.983



60, 22.739, 318.182



45, 3.465, 0.052



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



60, 15.185, 1.649



74, 22.483, 2.204



62, 12.169, 44.590



34, 4.025, 0.332



31, 60.351, 24.476



2, 8.167, 2.955

Inverse Universe

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



60, 15.185, 1.649



74, 22.483, 2.204



65, 10.686, 226.758



34, 4.025, 0.332



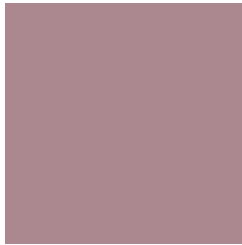
31, 60.351, 24.476



2, 8.167, 2.955

Previews

White Background



This preview shows how the CIELCh color 60, 15.187, 1.645 looks on a white background.

Color Contrast Check

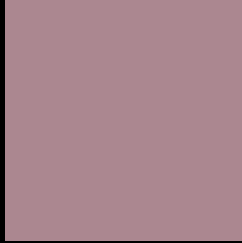
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.187, 1.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

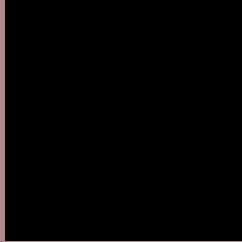
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 15.187, 1.645

Background



This preview shows how black text looks on a background with the CIELCh color 60, 15.187, 1.645.



This preview shows how white text looks on a background with the CIELCh color 60, 15.187, 1.645.

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, 15.187, 1.645

Protanopia

60, 2.942, 305.638

Deuteranopia

60, 7.717, 7.539



Tritanopia
60, 15.530, 357.684

Trichromacy



Original Color
60, 15.187, 1.645

Protanomaly
60, 6.451, 348.416

Deuteranomaly
60, 10.325, 4.683

Tritanomaly
60, 15.349, 359.642

Monochromacy



Original Color
60, 15.187, 1.645

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.379, 1.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 15.187, 1.645 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(171, 135, 144)` looks like.

```
.text, #text, p{  
    color:rgb(171, 135, 144)  
}
```

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(171, 135, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 135, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 15.187, 1.645 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(171, 135, 144) }
```

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

```
.border{ border-color:rgb(171, 135, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 135, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 135, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 135, 144);  
box-shadow:4px 4px 4px 4px rgb(171, 135,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 15.187, 1.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 135, 144) }
```

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

```
.background{ background-color: rgb(171,  
135, 144) }
```

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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