

Converting Colors

CIELCh(60, 15.836, 0.845)

Have a look what the booklet for
CIELCh(60, 15.836, 0.845) contains.

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Color

CIELCh(60, 15.725, 0.236)

Conversions

Conversions Part 1

Format	Color
Hex	AC8791
RGB	172, 135, 145
RGB Percent	67%, 53%, 57%
CMY	0.3257, 0.4707, 0.4315
CMYK	0.00, 0.22, 0.16, 0.33
HSL	344°, 18%, 60%
HSV	344°, 22%, 67%
XYZ	30.7675, 28.1233, 30.5761
YIQ	147.2030, 18.8420, 10.9540

Conversions

Conversions Part 2

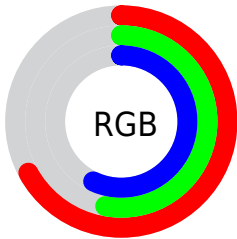
Format	Color
RYB	172, 135, 145
Decimal	11306897
CIELab	60.00, 15.72, 0.06
CIELCh	60, 15.725, 0.236
Yxy	28.1233, 0.3439, 0.3143
Android (android.graphics.Color)	4289496977 (0xFFAC8791)
YUV	147.2030, -1.0861, 21.7470
Hunter-Lab	53.0314, 10.7561, 2.9374

Details

The CIELCh color $60, 15.725, 0.236$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $67, 14.684, 176.064$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 16.045, 359.467$, and $40, 15.761, 359.315$ is the 20% darker color. If you saturate the color by 10%, you get $55, 23.429, 1.559$, and if you desaturate by 10%, it is $65, 8.244, 359.103$.

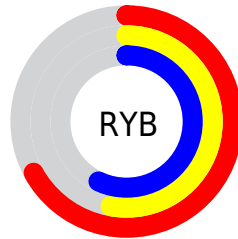
Distribution



Red (67%)

Green (53%)

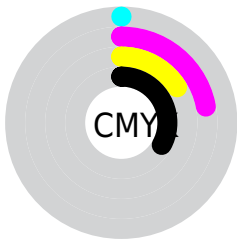
Blue (57%)



Red (67%)

Yellow (53%)

Blue (57%)

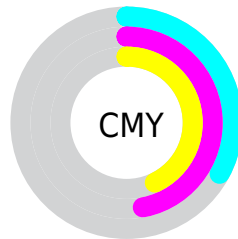


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (33%)



Cyan (33%)

Magenta (47%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 15.725, 0.236 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, 15.725, 0.236 by changing the saturation by 10% instead.

 60, 15.725, 0.236  60, 15.725, 0.236

 100, 15.725, 0.236  50, 15.725, 0.236

 80, 15.725, 0.236  40, 15.725, 0.236

 90, 15.725, 0.236  30, 15.725, 0.236

 20, 15.725, 0.236

 10, 15.725, 0.236

 0, 15.725, 0.236

 60, 15.725, 0.236  60, 15.725, 0.236

 55, 23.429, 1.559  65, 8.244, 359.103

 51, 31.232, 3.137  70, 1.063, 357.785

47, 38.923, 5.067

75, 5.792, 177.428

44, 46.217, 7.473

79, 12.317,
176.640

41, 52.782, 10.508

84, 18.527,
175.958

38, 58.341, 14.330

37, 62.805, 19.034

89, 24.442,
175.347

36, 66.134, 23.418

94, 29.922,
175.010

95, 27.332,
187.171

95, 26.224,
197.800

Harmonies

Complementary

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



60, 15.725, 0.236



67, 14.684, 176.064

Rectangle

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



60, 15.725, 0.236



60, 15.725, 50.236



60, 15.725, 180.236



60, 15.725, 230.236

Sweetspot

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



60, 15.723, 0.240



86, 5.273, 358.519



60, 23.165, 317.158



45, 3.498, 358.588



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, 15.723, 0.240



74, 23.809, 0.866



62, 12.716, 40.938



34, 4.062, 358.866



31, 59.696, 22.739



2, 8.225, 1.704

Inverse Universe

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



60, 15.723, 0.240



74, 23.809, 0.866



65, 11.070, 222.447



34, 4.062, 358.866



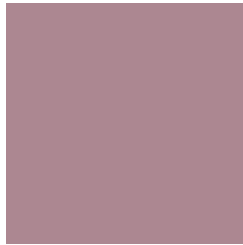
31, 59.696, 22.739



2, 8.225, 1.704

Previews

White Background



This preview shows how the CIELCh color 60, 15.725, 0.236 looks on a white background.

Color Contrast Check

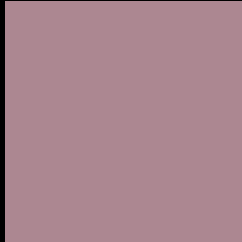
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.725, 0.236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

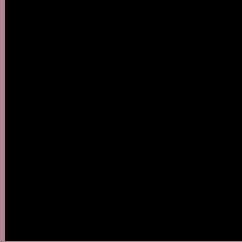
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 15.725, 0.236

Background



This preview shows how black text looks on a background with the CIELCh color 60, 15.725, 0.236.



This preview shows how white text looks on a background with the CIELCh color 60, 15.725, 0.236.

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, 15.725, 0.236

Protanopia

60, 3.489, 303.245

Deuteranopia

60, 7.843, 3.519



Tritanopia
60, 15.725, 0.236

Trichromacy



Original Color
60, 15.725, 0.236

Protanomaly
60, 6.758, 344.337

Deuteranomaly
60, 10.852, 2.443

Tritanomaly
60, 15.725, 0.236

Monochromacy



Original Color
60, 15.725, 0.236

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, 15.725, 0.236 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(172, 135, 145)` looks like.

```
.text, #text, p{  
    color:rgb(172, 135, 145)  
}
```

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(172, 135, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 135, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 15.725, 0.236 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(172, 135, 145) }
```

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

```
.border{ border-color:rgb(172, 135, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 135, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 135, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 135, 145);  
box-shadow:4px 4px 4px 4px rgb(172, 135,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 15.725, 0.236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 135, 145) }
```

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

```
.background{ background-color: rgb(172,  
135, 145) }
```

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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