

Converting Colors

CIELCh(60, 14.734, 5.301)

Have a look what the booklet for
CIELCh(60, 14.734, 5.301) contains.

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Color

CIELCh(60, 14.512, 5.283)

Conversions

Conversions Part 1

Format	Color
Hex	AB888F
RGB	171, 136, 143
RGB Percent	67%, 53%, 56%
CMY	0.3306, 0.4678, 0.4404
CMYK	0.00, 0.20, 0.16, 0.33
HSL	348°, 17%, 60%
HSV	348°, 20%, 67%
XYZ	30.4261, 28.1233, 29.6943
YIQ	147.2630, 18.6130, 9.5970

Conversions

Conversions Part 2

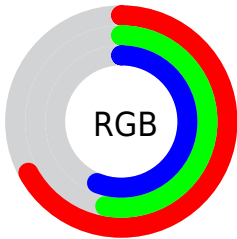
Format	Color
R_{YB}	171, 136, 143
Decimal	11241615
CIE _{Lab}	60.00, 14.45, 1.34
CIE _{LCh}	60, 14.512, 5.283
Yxy	28.1233, 0.3448, 0.3187
Android (android.graphics.Color)	4289431695 (0xFFAB888F)
YUV	147.2630, -2.1017, 20.8173
Hunter-Lab	53.0314, 9.6070, 3.9233

Details

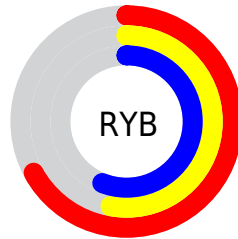
The CIELCh color **60, 14.512, 5.283** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **67, 13.374, 181.445**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 14.869, 4.092**, and **40, 14.454, 4.606** is the 20% darker color. If you saturate the color by 10%, you get **55, 22.080, 6.602**, and if you desaturate by 10%, it is **65, 7.246, 4.166**.

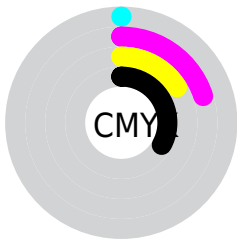
Distribution



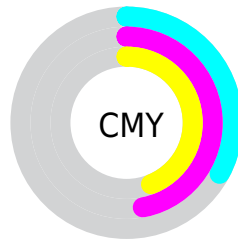
- Red (67%)
- Green (53%)
- Blue (56%)



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



- Cyan (0%)
- Magenta (20%)
- Yellow (16%)
- Black (33%)




- Cyan (33%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 14.512, 5.283 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, 14.512, 5.283 by changing the saturation by 10% instead.

 60, 14.512, 5.283  60, 14.512, 5.283

 100, 14.512, 5.283  50, 14.512, 5.283

 80, 14.512, 5.283  40, 14.512, 5.283

 90, 14.512, 5.283  30, 14.512, 5.283

 20, 14.512, 5.283

 10, 14.512, 5.283

 0, 14.512, 5.283

 60, 14.512, 5.283  60, 14.512, 5.283

 55, 22.080, 6.602  65, 7.246, 4.166

 51, 29.853, 8.191  70, 0.336, 1.947

47, 37.656, 10.155

75, 6.209, 182.566

43, 45.238, 12.620

80, 12.398,
181.824

40, 52.305, 15.733

85, 18.254,
181.186

38, 58.592, 19.626

36, 63.985, 24.327

90, 23.805,
180.619

35, 68.586, 29.105

94, 28.987,
180.263

95, 26.826,
194.378

95, 26.566,
197.779

Harmonies

Complementary

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



60, 14.512, 5.283



67, 13.374, 181.445

Rectangle

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



60, 14.512, 5.283



60, 14.512, 55.283



60, 14.512, 185.283



60, 14.512, 235.283

Sweetspot

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



60, 14.510, 5.288



85, 5.070, 3.694



60, 22.378, 319.701



45, 3.395, 3.763



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, 14.510, 5.288



74, 22.162, 5.909



63, 11.621, 50.267



33, 3.850, 4.036



30, 61.362, 28.398



1, 6.796, 5.398

Inverse Universe

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



60, 14.510, 5.288



74, 22.162, 5.909



64, 10.347, 233.342



33, 3.850, 4.036



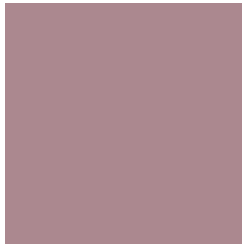
30, 61.362, 28.398



1, 6.796, 5.398

Previews

White Background



This preview shows how the CIELCh color 60, 14.512, 5.283 looks on a white background.

Color Contrast Check

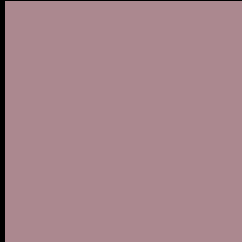
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.512, 5.283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

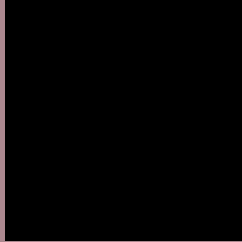
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 14.512, 5.283

Background



This preview shows how black text looks on a background with the CIELCh color 60, 14.512, 5.283.



This preview shows how white text looks on a background with the CIELCh color 60, 14.512, 5.283.

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, 14.512, 5.283

Protanopia

60, 2.070, 324.452

Deuteranopia

60, 8.030, 12.145



Tritanopia
60, 15.530, 357.684

Trichromacy



Original Color
60, 14.512, 5.283

Protanomaly
60, 6.322, 359.145

Deuteranomaly
60, 10.606, 8.272

Tritanomaly
60, 15.349, 359.642

Monochromacy



Original Color
60, 14.512, 5.283

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.238, 7.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 14.512, 5.283 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, 136, 143)` looks like.

```
.text, #text, p{  
    color:rgb(171, 136, 143)  
}
```

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, 136, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 136, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 14.512, 5.283 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, 136, 143) }
```

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

```
.border{ border-color:rgb(171, 136, 143) }
```

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

Here you see how a box with a 4 pixel rgb(171, 136, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 136, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 136, 143);  
box-shadow:4px 4px 4px 4px rgb(171, 136,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 14.512, 5.283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 136, 143) }
```

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

```
.background{ background-color: rgb(171,  
136, 143) }
```

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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