

Converting Colors

CIELCh(60, 16.564, 6.173)

Have a look what the booklet for
CIELCh(60, 16.564, 6.173) contains.

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Color

CIELCh(60, 16.632, 5.596)

Conversions

Conversions Part 1

Format	Color
Hex	AE868E
RGB	174, 134, 142
RGB Percent	68%, 53%, 56%
CMY	0.3165, 0.4734, 0.4420
CMYK	0.00, 0.23, 0.18, 0.32
HSL	348°, 20%, 61%
HSV	348°, 23%, 68%
XYZ	30.9906, 28.1233, 29.4985
YIQ	146.8720, 21.2720, 10.9680

Conversions

Conversions Part 2

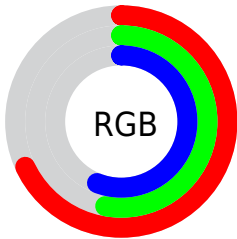
Format	Color
R_{YB}	174, 134, 142
Decimal	11437710
CIE _{Lab}	60.00, 16.55, 1.62
CIE _{LCh}	60, 16.632, 5.596
Yxy	28.1233, 0.3497, 0.3174
Android (android.graphics.Color)	4289627790 (0xFFAE868E)
YUV	146.8720, -2.4019, 23.7913
Hunter-Lab	53.0314, 11.5071, 4.1422

Details

The CIELCh color $60, 16.632, 5.596$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $68, 15.165, 181.210$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 16.858, 4.417$, and $40, 16.743, 5.264$ is the 20% darker color. If you saturate the color by 10%, you get $55, 24.394, 6.977$, and if you desaturate by 10%, it is $65, 9.157, 4.438$.

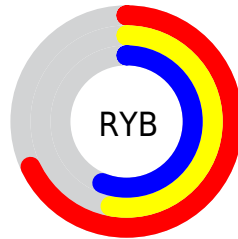
Distribution



Red (68%)

Green (53%)

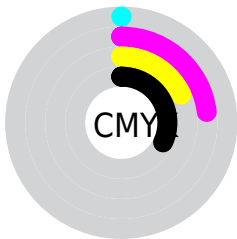
Blue (56%)



Red (68%)

Yellow (53%)

Blue (56%)

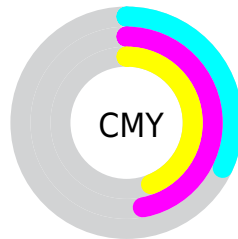


Cyan (0%)

Magenta (23%)

Yellow (18%)

Black (32%)



Cyan (32%)

Magenta (47%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 16.632, 5.596 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, 16.632, 5.596 by changing the saturation by 10% instead.

60, 16.632, 5.596

60, 16.632, 5.596

100, 16.632, 5.596

50, 16.632, 5.596

80, 16.632, 5.596

40, 16.632, 5.596

90, 16.632, 5.596

30, 16.632, 5.596

20, 16.632, 5.596

10, 16.632, 5.596

0, 16.632, 5.596

60, 16.632, 5.596

60, 16.632, 5.596

55, 24.394, 6.977

65, 9.157, 4.438

51, 32.328, 8.654

70, 2.037, 3.294

■ 47, 40.235, 10.735

■ 75, 4.711, 182.784

■ 43, 47.844, 13.355

■ 80, 11.093,
181.999

■ 40, 54.850, 16.663

■ 85, 17.129,
181.339

■ 38, 61.014, 20.776

■ 37, 66.271, 25.672

■ 90, 22.847,
180.756

■ 36, 69.716, 29.206

■ 95, 27.667,
181.302

■ 95, 25.664,
196.503

■ 95, 25.580,
197.840

Harmonies

Complementary

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



60, 16.632, 5.596



68, 15.165, 181.210

Rectangle

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



60, 16.632, 5.596



60, 16.632, 55.596



60, 16.632, 185.596



60, 16.632, 235.596

Sweetspot

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



60, 16.630, 5.601



86, 6.040, 3.813



60, 25.532, 319.812



46, 3.962, 3.875



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, 16.630, 5.601



73, 25.455, 6.331



63, 13.367, 50.136



34, 3.947, 4.046



31, 62.183, 28.494



2, 8.042, 6.106

Inverse Universe

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



60, 16.630, 5.601



73, 25.455, 6.331



65, 11.715, 233.614



34, 3.947, 4.046



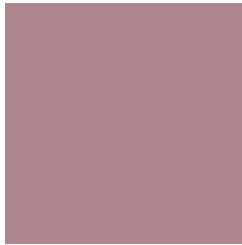
31, 62.183, 28.494



2, 8.042, 6.106

Previews

White Background



This preview shows how the CIELCh color 60, 16.632, 5.596 looks on a white background.

Color Contrast Check

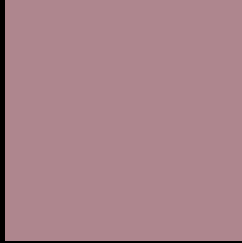
Large Text (above 18pt) WCAG AA ✓ Pass

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, 16.632, 5.596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

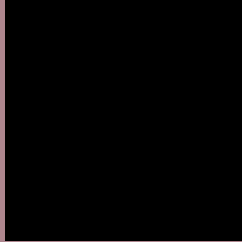
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 16.632, 5.596

Background



This preview shows how black text looks on a background with the CIELCh color 60, 16.632, 5.596.



This preview shows how white text looks on a background with the CIELCh color 60, 16.632, 5.596.

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, 16.632, 5.596

Protanopia

60, 2.402, 309.143

Deuteranopia

60, 7.990, 16.140



Tritanopia
60, 17.271, 2.390

Trichromacy



Original Color
60, 16.632, 5.596

Protanomaly
60, 7.143, 351.855

Deuteranomaly
60, 10.931, 11.666

Tritanomaly
60, 17.140, 4.192

Monochromacy



Original Color
60, 16.632, 5.596

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 6.146, 4.057

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 16.632, 5.596 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(174, 134, 142)` looks like.

```
.text, #text, p{  
    color:rgb(174, 134, 142)  
}
```

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(174, 134, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 134, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 16.632, 5.596 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(174, 134, 142) }
```

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

```
.border{ border-color:rgb(174, 134, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 134, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 134, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 134, 142);  
box-shadow:4px 4px 4px 4px rgb(174, 134,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 16.632, 5.596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 134, 142) }
```

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

```
.background{ background-color: rgb(174,  
134, 142) }
```

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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