

Converting Colors

CIELCh(60, 12.011, 1.162)

Have a look what the booklet for
CIELCh(60, 12.011, 1.162) contains.

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Color

CIELCh(60, 12.335, 359.354)

Conversions

Conversions Part 1

Format	Color
Hex	A68991
RGB	166, 137, 145
RGB Percent	65%, 54%, 57%
CMY	0.3483, 0.4620, 0.4306
CMYK	0.00, 0.17, 0.13, 0.35
HSL	343°, 14%, 59%
HSV	343°, 17%, 65%
XYZ	29.8648, 28.1233, 30.7191
YIQ	146.5830, 14.7160, 8.6360

Conversions

Conversions Part 2

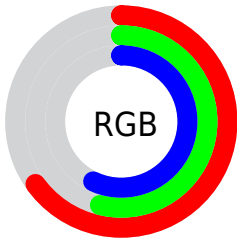
Format	Color
RYB	166, 137, 145
Decimal	10914193
CIELab	60.00, 12.33, -0.14
CIELCh	60, 12.335, 359.354
Yxy	28.1233, 0.3367, 0.3170
Android (android.graphics.Color)	4289104273 (0xFFA68991)
YUV	146.5830, -0.7804, 17.0287
Hunter-Lab	53.0314, 7.7179, 2.7775

Details

The CIELCh color $60, 12.335, 359.354$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 11.688, 176.081$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 12.502, 357.977$, and $40, 12.526, 358.545$ is the 20% darker color. If you saturate the color by 10%, you get $55, 19.759, 0.588$, and if you desaturate by 10%, it is $65, 5.157, 358.269$.

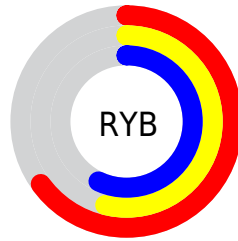
Distribution



Red (65%)

Green (54%)

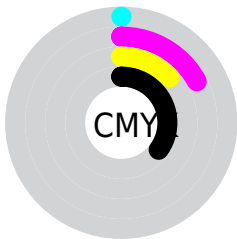
Blue (57%)



Red (65%)

Yellow (54%)

Blue (57%)

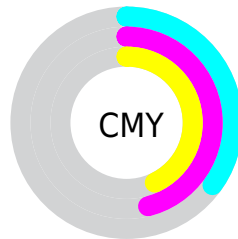


Cyan (0%)

Magenta (17%)

Yellow (13%)

Black (35%)



Cyan (35%)


Magenta (46%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 12.335, 359.354 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, 12.335, 359.354 by changing the saturation by 10% instead.


 60, 12.335,
359.354


 60, 12.335,
359.354


 100, 12.335,
359.354


 50, 12.335,
359.354


 80, 12.335,
359.354

 40, 12.335,
359.354

 90, 12.335,
359.354


 30, 12.335,
359.354

 20, 12.335,
359.354

 10, 12.335,
359.354

 0, 12.335, 359.354

 60, 12.335,

 60, 12.335,

359.354

359.354

■ 55, 19.759, 0.588

■ 65, 5.157, 358.269

■ 51, 27.334, 2.040

■ 69, 1.718, 177.691

■ 47, 34.886, 3.798

■ 74, 8.276, 176.695

■ 43, 42.166, 5.970

■ 79, 14.520,
175.959

■ 40, 48.865, 8.697

■ 84, 20.467,
175.308

■ 38, 54.672, 12.140

■ 36, 59.405, 16.434

■ 89, 26.139,
174.719

■ 35, 63.232, 21.505

■ 94, 31.558,
174.183

■ 35, 64.238, 22.769

■ 94, 29.562,
183.868

■ 95, 27.892,

Harmonies

Complementary

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



60, 12.335, 359.354



66, 11.688, 176.081

Rectangle

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



60, 12.335, 359.354



60, 12.335, 49.354



60, 12.335, 179.354



60, 12.335, 229.354

Sweetspot

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



60, 12.333, 359.359



84, 4.274, 358.006



60, 18.215, 316.980



44, 2.944, 358.084



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



60, 12.333, 359.359



74, 18.563, 359.821



61, 9.866, 40.980



33, 3.973, 358.467



31, 58.758, 22.163



1, 6.981, 0.444

Inverse Universe

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



60, 12.333, 359.359



74, 18.563, 359.821



64, 8.839, 222.210



33, 3.973, 358.467



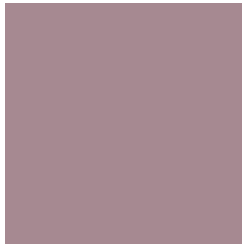
31, 58.758, 22.163



1, 6.981, 0.444

Previews

White Background



This preview shows how the CIELCh color 60, 12.335, 359.354 looks on a white background.

Color Contrast Check

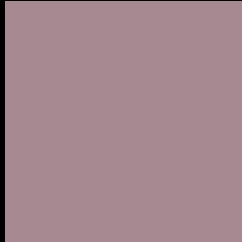
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.335, 359.354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

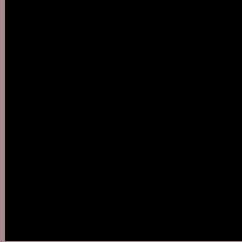
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 12.335, 359.354

Background



This preview shows how black text looks on a background with the CIELCh color 60, 12.335, 359.354.



This preview shows how white text looks on a background with the CIELCh color 60, 12.335, 359.354.

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, 12.335, 359.354

Protanopia

60, 2.942, 305.638

Deuteranopia

60, 8.008, 359.648



Tritanopia
60, 12.740, 354.592

Trichromacy



Original Color
60, 12.335, 359.354

Protanomaly
60, 5.479, 341.778

Deuteranomaly
60, 9.699, 0.059

Tritanomaly
60, 12.526, 356.933

Monochromacy



Original Color
60, 12.335, 359.354

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 4.635, 358.447

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 12.335, 359.354 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(166, 137, 145)` looks like.

```
.text, #text, p{  
    color:rgb(166, 137, 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(166, 137, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 137, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 12.335, 359.354 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(166, 137, 145) }
```

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

```
.border{ border-color:rgb(166, 137, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 137, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 137, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 137, 145);  
box-shadow:4px 4px 4px 4px rgb(166, 137,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 12.335, 359.354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 137, 145) }
```

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

```
.background{ background-color: rgb(166,  
137, 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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