

Converting Colors

CIELCh(60, 11.884, 32.853)

Have a look what the booklet for
CIELCh(60, 11.884, 32.853) contains.

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Color

CIELCh(60, 12.068, 31.201)

Conversions

Conversions Part 1

Format	Color
Hex	A78A86
RGB	167, 138, 134
RGB Percent	65%, 54%, 53%
CMY	0.3450, 0.4587, 0.4744
CMYK	0.00, 0.17, 0.20, 0.35
HSL	7°, 16%, 59%
HSV	7°, 20%, 65%
XYZ	29.3377, 28.1233, 26.4444
YIQ	146.2150, 18.5680, 4.9040

Conversions

Conversions Part 2

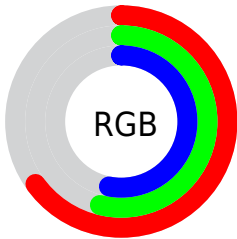
Format	Color
R_{YB}	167, 139, 134
Decimal	10979974
CIE _{Lab}	60.00, 10.32, 6.25
CIE _{LCh}	60, 12.068, 31.201
Yxy	28.1233, 0.3497, 0.3352
Android (android.graphics.Color)	4289170054 (0xFFA78A86)
YUV	146.2150, -6.0220, 18.2284
Hunter-Lab	53.0314, 5.9436, 7.5567

Details

The CIELCh color **60, 12.068, 31.201** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **65, 10.577, 210.777**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 12.022, 30.396**, and **40, 12.372, 32.203** is the 20% darker color. If you saturate the color by 10%, you get **56, 18.934, 31.685**, and if you desaturate by 10%, it is **64, 5.721, 30.873**.

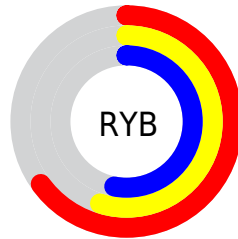
Distribution



Red (65%)

Green (54%)

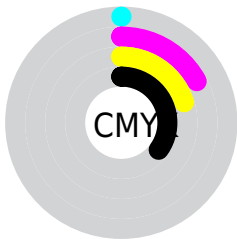
Blue (53%)



Red (65%)

Yellow (55%)

Blue (53%)

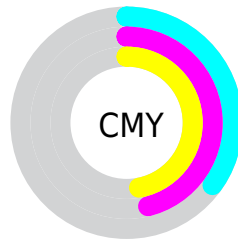


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (35%)



Cyan (35%)

Magenta (46%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 12.068, 31.201 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, 12.068, 31.201 by changing the saturation by 10% instead.

60, 12.068, 31.201

60, 12.068, 31.201

100, 12.068,
31.201

50, 12.068, 31.201

80, 12.068, 31.201

40, 12.068, 31.201

90, 12.068, 31.201

30, 12.068, 31.201

20, 12.068, 31.201

10, 12.068, 31.201

0, 12.068, 31.201

60, 12.068, 31.201

60, 12.068, 31.201

56, 18.934, 31.685

64, 5.721, 30.873

52, 26.334, 32.367

69, 0.137, 214.339

48, 34.242, 33.317

73, 5.548, 210.808

45, 42.579, 34.589

77, 10.559,
210.768

42, 51.183, 36.207

82, 15.215,
210.808

39, 59.738, 38.099

37, 67.580, 39.943

86, 19.560,
210.893

35, 73.982, 41.572

91, 23.630,
211.010

35, 74.132, 41.626

95, 27.552,
197.719

Harmonies

Complementary

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



60, 12.068, 31.201



65, 10.577, 210.777

Rectangle

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



60, 12.068, 31.201



60, 12.068, 81.201



60, 12.068, 211.201



60, 12.068, 261.201

Sweetspot

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



60, 12.067, 31.210



83, 4.284, 30.746



60, 20.684, 328.914



44, 2.872, 30.771



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, 12.067, 31.210



74, 18.471, 31.410



64, 12.417, 84.407



33, 3.332, 30.858



31, 67.255, 41.455



2, 5.957, 29.048

Inverse Universe

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



65, 10.577, 210.777



81, 15.638, 210.817



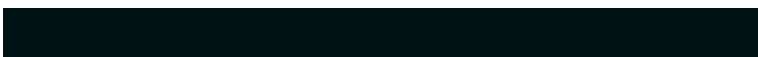
60, 12.215, 269.739



35, 3.141, 210.809



50, 29.364, 218.126



4, 5.694, 215.396

Previews

White Background



This preview shows how the CIELCh color 60, 12.068, 31.201 looks on a white background.

Color Contrast Check

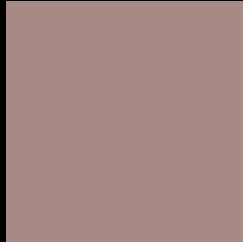
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.068, 31.201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

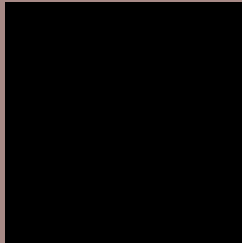
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 12.068, 31.201

Background



This preview shows how black text looks on a background with the CIELCh color 60, 12.068, 31.201.



This preview shows how white text looks on a background with the CIELCh color 60, 12.068, 31.201.

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, 12.068, 31.201

Protanopia
60, 4.398, 82.828

Deuteranopia
60, 9.965, 39.913



Tritanopia
60, 14.415, 355.598

Trichromacy



Original Color
60, 12.068, 31.201

Protanomaly
60, 6.561, 50.690

Deuteranomaly
60, 10.579, 35.667

Tritanomaly
60, 12.703, 7.992

Monochromacy



Original Color
60, 12.068, 31.201

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 4.378, 27.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 12.068, 31.201 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(167, 138, 134)` looks like.

```
.text, #text, p{  
    color:rgb(167, 138, 134)  
}
```

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(167, 138, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 138, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 12.068, 31.201 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(167, 138, 134) }
```

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

```
.border{ border-color:rgb(167, 138, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 138, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 138, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 138, 134);  
box-shadow:4px 4px 4px 4px rgb(167, 138,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 12.068, 31.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 138, 134) }
```

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

```
.background{ background-color: rgb(167,  
138, 134) }
```

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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