

Converting Colors

CIELCh(60, 14.978, 357.691)

Have a look what the booklet for
CIELCh(60, 14.978, 357.691)
contains.

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Color

CIELCh(60, 14.582, 358.359)

Conversions

Conversions Part 1

Format	Color
Hex	AA8892
RGB	170, 136, 146
RGB Percent	67%, 53%, 57%
CMY	0.3344, 0.4676, 0.4284
CMYK	0.00, 0.20, 0.14, 0.33
HSL	342°, 17%, 60%
HSV	342°, 20%, 67%
XYZ	30.4596, 28.1233, 30.9152
YIQ	147.3060, 17.0540, 10.3180

Conversions

Conversions Part 2

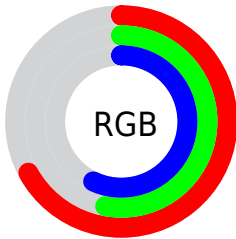
Format	Color
R _Y B	170, 136, 146
Decimal	11176082
CIE Lab	60.00, 14.58, -0.42
CIE LCh	60, 14.582, 358.359
Yxy	28.1233, 0.3403, 0.3142
Android (android.graphics.Color)	4289366162 (0xFFAA8892)
YUV	147.3060, -0.6439, 19.9026
Hunter-Lab	53.0314, 9.7199, 2.5583

Details

The CIELCh color $60, 14.582, 358.359$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $67, 13.755, 174.522$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 14.977, 357.755$, and $40, 14.540, 357.061$ is the 20% darker color. If you saturate the color by 10%, you get $55, 22.220, 359.634$, and if you desaturate by 10%, it is $65, 7.157, 357.254$.

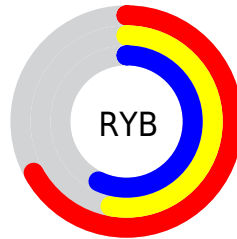
Distribution



Red (67%)

Green (53%)

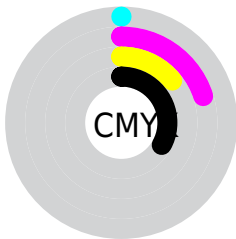
Blue (57%)



Red (67%)

Yellow (53%)

Blue (57%)

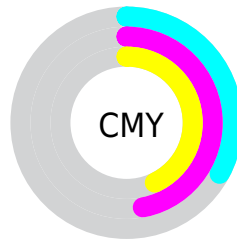


Cyan (0%)

Magenta (20%)

Yellow (14%)

Black (33%)



Cyan (33%)


Magenta (47%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 14.582, 358.359 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, 14.582, 358.359 by changing the saturation by 10% instead.


 60, 14.582,
358.359


 60, 14.582,
358.359


 100, 14.582,
358.359


 50, 14.582,
358.359


 80, 14.582,
358.359

 40, 14.582,
358.359


 90, 14.582,
358.359


 30, 14.582,
358.359

 20, 14.582,
358.359

 10, 14.582,
358.359

 0, 14.582, 358.359

 60, 14.582,

 60, 14.582,

358.359

358.359

55, 22.220,
359.634

65, 7.157, 357.254

51, 29.951, 1.140

70, 0.020, 335.179

47, 37.572, 2.969

74, 6.807, 175.610

44, 44.803, 5.235

79, 13.317,
174.841

40, 51.309, 8.085

84, 19.525,
174.165

38, 56.788, 11.684

89, 25.449,
173.556

36, 61.106, 16.161

35, 64.689, 21.250

94, 31.112,
173.001

94, 28.583,
183.593

95, 26.934,

Harmonies

Complementary

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



60, 14.582, 358.359



67, 13.755, 174.522

Rectangle

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



60, 14.582, 358.359



60, 14.582, 48.359



60, 14.582, 178.359



60, 14.582, 228.359

Sweetspot

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



60, 14.580, 358.363



85, 5.286, 356.834



60, 21.222, 316.565



45, 3.539, 356.903



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, 14.580, 358.363



74, 21.898, 358.900



61, 11.746, 39.164



33, 4.008, 357.176



31, 58.246, 20.541



2, 7.034, 359.288

Inverse Universe

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



60, 14.580, 358.363



74, 21.898, 358.900



65, 10.316, 220.237



33, 4.008, 357.176



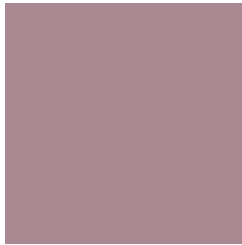
31, 58.246, 20.541



2, 7.034, 359.288

Previews

White Background



This preview shows how the CIELCh color 60, 14.582, 358.359 looks on a white background.

Color Contrast Check

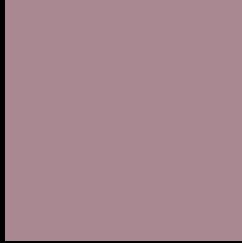
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.582, 358.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

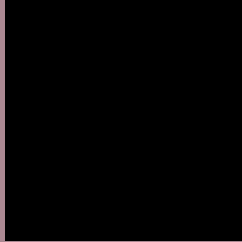
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 14.582, 358.359

Background



This preview shows how black text looks on a background with the CIELCh color 60, 14.582, 358.359.



This preview shows how white text looks on a background with the CIELCh color 60, 14.582, 358.359.

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, 14.582, 358.359

Protanopia

60, 4.042, 301.521

Deuteranopia

60, 8.008, 359.648



Tritanopia
60, 14.582, 358.359

Trichromacy



Original Color
60, 14.582, 358.359

Protanomaly
60, 7.097, 340.635

Deuteranomaly
60, 10.643, 358.817

Tritanomaly
60, 14.582, 358.359

Monochromacy



Original Color
60, 14.582, 358.359

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 5.216, 354.323

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 14.582, 358.359 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(170, 136, 146)` looks like.

```
.text, #text, p{  
    color:rgb(170, 136, 146)  
}
```

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(170, 136, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 136, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 14.582, 358.359 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(170, 136, 146) }
```

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

```
.border{ border-color:rgb(170, 136, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 136, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 136, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 136, 146); box-shadow:4px 4px 4px 4px rgb(170, 136, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 14.582, 358.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 136, 146) }
```

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

```
.background{ background-color: rgb(170,  
136, 146) }
```

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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