

Converting Colors

CIELCh(60, 36.271, 8.111)

Have a look what the booklet for
CIELCh(60, 36.271, 8.111) contains.

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Color

CIELCh(60, 36.431, 8.082)

Conversions

Conversions Part 1	
Format	Color
Hex	CE7789
RGB	206, 119, 137
RGB Percent	81%, 47%, 54%
CMY	0.1921, 0.5333, 0.4627
CMYK	0.00, 0.42, 0.33, 0.19
HSL	348°, 47%, 64%
HSV	348°, 42%, 81%
XYZ	36.5678, 28.1233, 27.1693
YIQ	147.0650, 46.0740, 24.0420

Conversions

Conversions Part 2

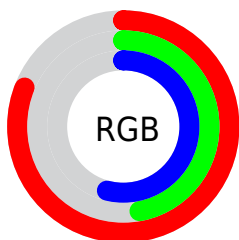
Format	Color
RYB	206, 119, 137
Decimal	13531017
CIELab	60.00, 36.07, 5.12
CIELCh	60, 36.431, 8.082
Yxy	28.1233, 0.3981, 0.3062
Android (android.graphics.Color)	4291721097 (0xFFCE7789)
YUV	147.0650, -4.9620, 51.6860
Hunter-Lab	53.0314, 30.2794, 6.7463

Details

The CIELCh color **60, 36.431, 8.082** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **77, 30.523, 178.615**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 32.471, 6.416**, and **40, 36.397, 8.259** is the 20% darker color. If you saturate the color by 10%, you get **55, 45.466, 10.176**, and if you desaturate by 10%, it is **65, 27.351, 6.402**.

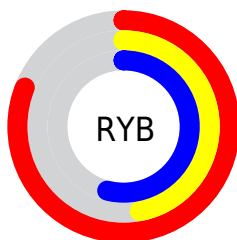
Distribution



Red (81%)

Green (47%)

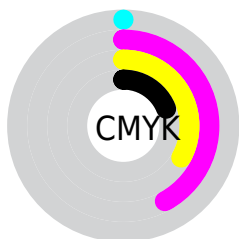
Blue (54%)



Red (81%)

Yellow (47%)

Blue (54%)

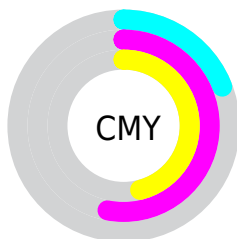


Cyan (0%)

Magenta (42%)

Yellow (33%)

Black (19%)



Cyan (19%)

Magenta (53%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 36.431, 8.082 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, 36.431, 8.082 by changing the saturation by 10% instead.

 60, 36.431, 8.082  60, 36.431, 8.082

 100, 36.431, 8.082  50, 36.431, 8.082

 80, 36.431, 8.082  40, 36.431, 8.082


 90, 36.431, 8.082  30, 36.431, 8.082

 20, 36.431, 8.082

 10, 36.431, 8.082

 0, 36.431, 8.082

 60, 36.431, 8.082  60, 36.431, 8.082

 55, 45.466, 10.176  65, 27.351, 6.402

 51, 54.144, 12.814  70, 18.464, 5.019

 48, 62.104, 16.154

 76, 9.912, 3.850


 45, 69.062, 20.321


 81, 1.763, 2.635


 44, 74.953, 25.299

 87, 5.960, 182.178

 43, 79.072, 29.375

 93, 13.263,
181.396

 97, 16.511,
191.924

 97, 16.250,
198.426

Harmonies

Complementary

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



60, 36.431, 8.082



77, 30.523, 178.615

Rectangle

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



60, 36.431, 8.082



60, 36.431, 58.082



60, 36.431, 188.082



60, 36.431, 238.082

Sweetspot

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



60, 36.428, 8.085



91, 12.558, 3.953



60, 53.669, 320.126



47, 8.837, 4.203



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 36.428, 8.085



68, 52.773, 10.038



65, 30.574, 47.590



40, 4.528, 3.542



34, 66.741, 28.444



4, 18.233, 9.329

Inverse Universe

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



60, 36.428, 8.085



68, 52.773, 10.038



71, 23.168, 234.037



40, 4.528, 3.542



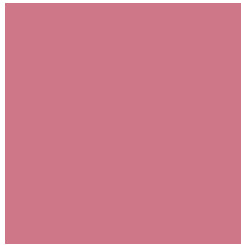
34, 66.741, 28.444



4, 18.233, 9.329

Previews

White Background



This preview shows how the CIELCh color 60, 36.431, 8.082 looks on a white background.

Color Contrast Check

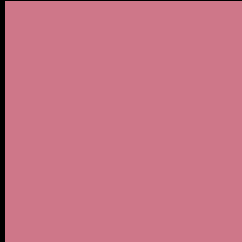
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.431, 8.082 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, 36.431, 8.082

Background



This preview shows how black text looks on a background with the CIELCh color 60, 36.431, 8.082.



This preview shows how white text looks on a background with the CIELCh color 60, 36.431, 8.082.

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, 36.431, 8.082

Protanopia

60, 4.042, 301.521

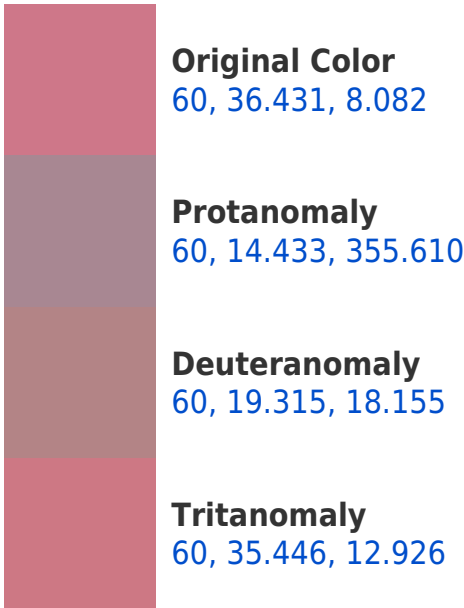
Deuteranopia

60, 10.196, 42.803

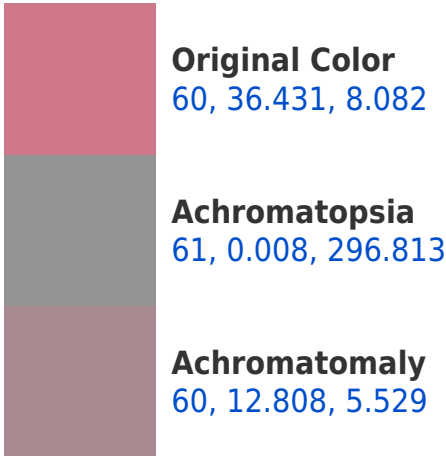


Tritanopia
60, 35.494, 15.612

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 36.431, 8.082 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(206, 119, 137)` looks like.

```
.text, #text, p{  
    color:rgb(206, 119, 137)  
}
```

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(206, 119, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 119, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 36.431, 8.082 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(206, 119, 137) }
```

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

```
.border{ border-color:rgb(206, 119, 137) }
```

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

Here you see how a box with a 4 pixel rgb(206, 119, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 119, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 119, 137);  
box-shadow:4px 4px 4px 4px rgb(206, 119,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 36.431, 8.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 119, 137) }
```

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

```
.background{ background-color: rgb(206,  
119, 137) }
```

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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