

Converting Colors

CIELCh(60, 38.278, 0.441)

Have a look what the booklet for
CIELCh(60, 38.278, 0.441) contains.

CIELCh(60, 38.523, 0.607)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(60, 38.523, 0.607)

Conversions

Conversions Part 1

Format	Color
Hex	CF7591
RGB	207, 117, 145
RGB Percent	81%, 46%, 57%
CMY	0.1873, 0.5403, 0.4305
CMYK	0.00, 0.43, 0.30, 0.19
HSL	341°, 49%, 64%
HSV	341°, 43%, 81%
XYZ	37.3124, 28.1233, 30.3363
YIQ	147.1020, 44.6520, 27.7880

Conversions

Conversions Part 2

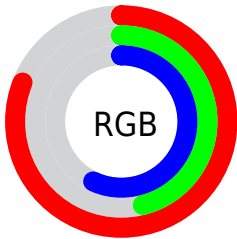
Format	Color
R_{YB}	207, 117, 145
Decimal	13596049
CIE Lab	60.00, 38.52, 0.41
CIE LCh	60, 38.523, 0.607
Yxy	28.1233, 0.3896, 0.2936
Android (android.graphics.Color)	4291786129 (0xFFCF7591)
YUV	147.1020, -1.0363, 52.5305
Hunter-Lab	53.0314, 32.7857, 3.2055

Details

The CIELCh color **60, 38.523, 0.607** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **77, 34.005, 170.644**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 34.610, 357.414**, and **40, 38.376, 0.343** is the 20% darker color. If you saturate the color by 10%, you get **55, 47.317, 2.593**, and if you desaturate by 10%, it is **65, 29.436, 358.988**.

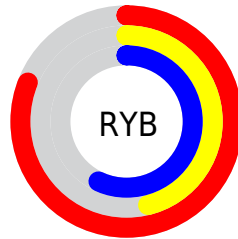
Distribution



Red (81%)

Green (46%)

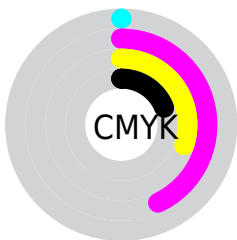
Blue (57%)



Red (81%)

Yellow (46%)

Blue (57%)

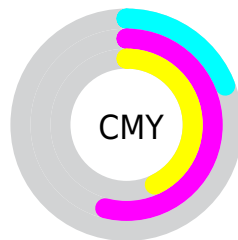


Cyan (0%)

Magenta (43%)

Yellow (30%)

Black (19%)



Cyan (19%)

Magenta (54%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 38.523, 0.607 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, 38.523, 0.607 by changing the saturation by 10% instead.

 60, 38.523, 0.607

 60, 38.523, 0.607

 100, 38.523, 0.607

 50, 38.523, 0.607

 80, 38.523, 0.607

 40, 38.523, 0.607

 90, 38.523, 0.607

 30, 38.523, 0.607

 20, 38.523, 0.607

 10, 38.523, 0.607

 0, 38.523, 0.607

 60, 38.523, 0.607

 60, 38.523, 0.607

 55, 47.317, 2.593

 65, 29.436,
358.988

 52, 55.445, 5.072

48, 62.491, 8.210

70, 20.354,
357.634

46, 68.145, 12.177

76, 11.464,
356.468

44, 72.393, 17.073

81, 2.876, 355.349

44, 74.794, 20.597

87, 5.357, 174.736

93, 13.222,
173.904

97, 17.028,
181.111

97, 15.865,
198.451

Harmonies

Complementary

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



60, 38.523, 0.607



77, 34.005, 170.644

Rectangle

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



60, 38.523, 0.607



60, 38.523, 50.607



60, 38.523, 180.607



60, 38.523, 230.607

Sweetspot

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



60, 38.520, 0.609



91, 13.118, 356.438



59, 54.541, 317.049



47, 9.218, 356.685



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, 38.520, 0.609



68, 54.513, 2.416



63, 33.419, 38.044



41, 4.838, 356.034



35, 63.775, 19.679



4, 20.538, 5.000

Inverse Universe

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



60, 38.520, 0.609



68, 54.513, 2.416



73, 24.209, 219.737



41, 4.838, 356.034



35, 63.775, 19.679



4, 20.538, 5.000

Previews

White Background



This preview shows how the CIELCh color 60, 38.523, 0.607 looks on a white background.

Color Contrast Check

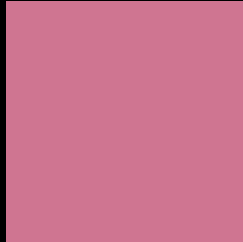
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.523, 0.607 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, 38.523, 0.607

Background



This preview shows how black text looks on a background with the CIELCh color 60, 38.523, 0.607.



This preview shows how white text looks on a background with the CIELCh color 60, 38.523, 0.607.

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, 38.523, 0.607

Protanopia
60, 9.604, 289.056

Deuteranopia
60, 7.990, 16.140



Tritanopia
60, 35.907, 15.760

Trichromacy



Original Color
60, 38.523, 0.607

Protanomaly
59, 17.128, 337.488

Deuteranomaly
60, 18.995, 2.610

Tritanomaly
60, 36.351, 9.821

Monochromacy



Original Color
60, 38.523, 0.607

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 14.212, 357.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 38.523, 0.607 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(207, 117, 145)` looks like.

```
.text, #text, p{  
    color:rgb(207, 117, 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(207, 117, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 117, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 38.523, 0.607 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(207, 117, 145) }
```

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

```
.border{ border-color:rgb(207, 117, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 117, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 117, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 117, 145);  
box-shadow:4px 4px 4px 4px rgb(207, 117,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 38.523, 0.607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 117, 145) }
```

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

```
.background{ background-color: rgb(207,  
117, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor