

Converting Colors

CIELCh(60, 30.061, 7.134)

Have a look what the booklet for
CIELCh(60, 30.061, 7.134) contains.

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Color

CIELCh(60, 30.183, 6.985)

Conversions

Conversions Part 1

Format	Color
Hex	C47C8B
RGB	196, 124, 139
RGB Percent	77%, 49%, 55%
CMY	0.2303, 0.5127, 0.4539
CMYK	0.00, 0.37, 0.29, 0.23
HSL	348°, 38%, 63%
HSV	348°, 37%, 77%
XYZ	34.7553, 28.1233, 28.1196
YIQ	147.2380, 38.0970, 19.9290

Conversions

Conversions Part 2

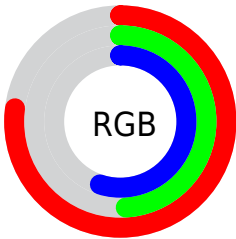
Format	Color
R _Y B	196, 124, 139
Decimal	12876939
CIE Lab	60.00, 29.96, 3.67
CIE LCh	60, 30.183, 6.985
Yxy	28.1233, 0.3819, 0.3091
Android (android.graphics.Color)	4291067019 (0xFFC47C8B)
YUV	147.2380, -4.0613, 42.7643
Hunter-Lab	53.0314, 24.1789, 5.6838

Details

The CIELCh color **60, 30.183, 6.985** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74, 25.958, 179.128**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 30.325, 7.077**, and **40, 29.868, 7.229** is the 20% darker color. If you saturate the color by 10%, you get **55, 38.922, 8.826**, and if you desaturate by 10%, it is **65, 21.535, 5.491**.

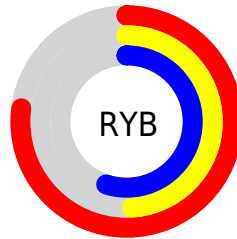
Distribution



Red (77%)

Green (49%)

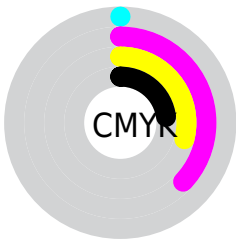
Blue (55%)



Red (77%)

Yellow (49%)

Blue (55%)

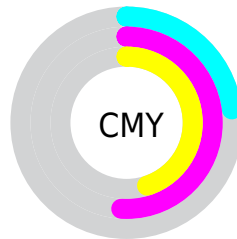


Cyan (0%)

Magenta (37%)

Yellow (29%)

Black (23%)



Cyan (23%)

Magenta (51%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 30.183, 6.985 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, 30.183, 6.985 by changing the saturation by 10% instead.

 60, 30.183, 6.985

 60, 30.183, 6.985

 100, 30.183, 6.985

 50, 30.183, 6.985

 80, 30.183, 6.985

 40, 30.183, 6.985

 90, 30.183, 6.985

 30, 30.183, 6.985

 20, 30.183, 6.985

 10, 30.183, 6.985

 0, 30.183, 6.985

 60, 30.183, 6.985

 60, 30.183, 6.985

 55, 38.922, 8.826

 65, 21.535, 5.491

 51, 47.498, 11.126

 70, 13.158, 4.243

■ 47, 55.579, 14.033

■ 76, 5.144, 3.143

■ 45, 62.833, 17.698

■ 81, 2.468, 182.551

■ 43, 69.067, 22.208

■ 87, 9.674, 181.623

■ 41, 74.346, 27.415

■ 92, 16.489,
180.917

■ 41, 76.070, 29.081

■ 96, 19.901,
187.797

■ 96, 19.230,
198.236

Harmonies

Complementary

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



60, 30.183, 6.985



74, 25.958, 179.128

Rectangle

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



60, 30.183, 6.985



60, 30.183, 56.985



60, 30.183, 186.985



60, 30.183, 236.985

Sweetspot

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



60, 30.181, 6.988



93, 10.576, 3.628



60, 44.914, 319.901



48, 7.131, 3.778



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, 30.181, 6.988



72, 45.266, 8.425



64, 24.974, 47.737



38, 4.342, 3.433



33, 65.085, 28.187



3, 14.310, 8.190

Inverse Universe

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



60, 30.181, 6.988



72, 45.266, 8.425



69, 19.756, 233.129



38, 4.342, 3.433



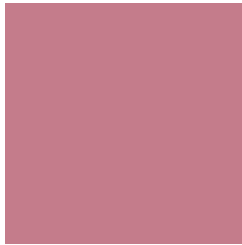
33, 65.085, 28.187



3, 14.310, 8.190

Previews

White Background



This preview shows how the CIELCh color 60, 30.183, 6.985 looks on a white background.

Color Contrast Check

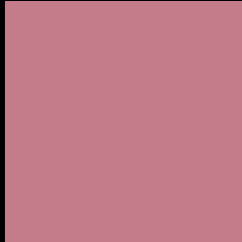
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.183, 6.985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

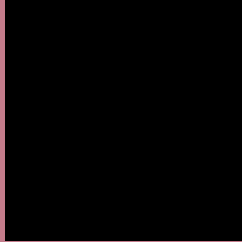
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 30.183, 6.985

Background



This preview shows how black text looks on a background with the CIELCh color 60, 30.183, 6.985.



This preview shows how white text looks on a background with the CIELCh color 60, 30.183, 6.985.

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, 30.183, 6.985

Protanopia

60, 4.042, 301.521

Deuteranopia

60, 9.186, 34.316



Tritanopia
60, 29.506, 13.098

Trichromacy



Original Color
60, 30.183, 6.985

Protanomaly
60, 12.030, 352.801

Deuteranomaly
60, 16.332, 15.240

Tritanomaly
60, 29.543, 10.947

Monochromacy



Original Color
60, 30.183, 6.985

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 11.221, 3.125

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 30.183, 6.985 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(196, 124, 139)` looks like.

```
.text, #text, p{  
    color:rgb(196, 124, 139)  
}
```

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(196, 124, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 124, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 30.183, 6.985 is called "border". The border property can be set on classes, ids or directly on the HTML element.

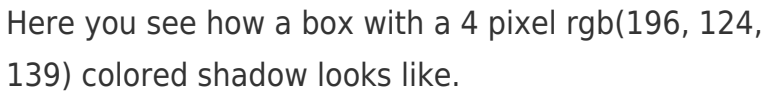
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 124, 139) }
```

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

```
.border{ border-color:rgb(196, 124, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 124, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 124, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 124, 139); box-shadow:4px 4px 4px 4px rgb(196, 124, 139) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 30.183, 6.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 124, 139) }
```

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

```
.background{ background-color: rgb(196,  
124, 139) }
```

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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