

Converting Colors

CIELCh(70, 14.238, 11.382)

Have a look what the booklet for
CIELCh(70, 14.238, 11.382) contains.

CIELCh(70, 14.180, 11.887)	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(70, 14.180, 11.887)

Conversions

Conversions Part 1

Format	Color
Hex	C6A2A6
RGB	198, 162, 166
RGB Percent	78%, 64%, 65%
CMY	0.2224, 0.3636, 0.3479
CMYK	0.00, 0.18, 0.16, 0.22
HSL	353°, 24%, 71%
HSV	353°, 18%, 78%
XYZ	43.2454, 40.7494, 41.7985
YIQ	173.2200, 20.1720, 8.8760

Conversions

Conversions Part 2

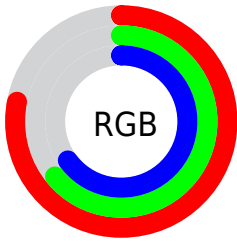
Format	Color
RYB	198, 162, 166
Decimal	13017766
CIELab	70.00, 13.88, 2.92
CIELCh	70, 14.180, 11.887
Yxy	40.7494, 0.3438, 0.3239
Android (android.graphics.Color)	4291207846 (0xFFC6A2A6)
YUV	173.2200, -3.5595, 21.7321
Hunter-Lab	63.8353, 9.2136, 5.8624

Details

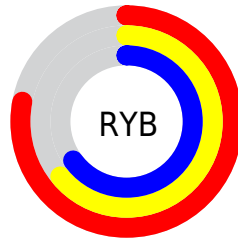
The CIELCh color **70, 14.180, 11.887** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77, 12.923, 188.864**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 14.123, 12.018**, and **50, 14.425, 11.943** is the 20% darker color. If you saturate the color by 10%, you get **65, 22.656, 13.117**, and if you desaturate by 10%, it is **75, 6.172, 10.856**.

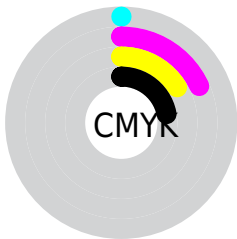
Distribution



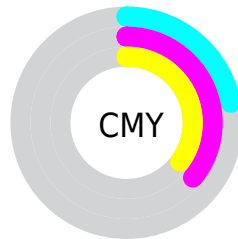
- Red (78%)
- Green (64%)
- Blue (65%)



- Red (78%)
- Yellow (64%)
- Blue (65%)



- Cyan (0%)
- Magenta (18%)
- Yellow (16%)
- Black (22%)



- Cyan (22%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 14.180, 11.887 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 70, 14.180, 11.887 by changing the saturation by 10% instead.

■ 70, 14.180, 11.887

■ 70, 14.180, 11.887

■ 100, 14.180,
11.887

■ 60, 14.180, 11.887

■ 90, 14.180, 11.887

■ 50, 14.180, 11.887

■ 40, 14.180, 11.887

■ 30, 14.180, 11.887

■ 20, 14.180, 11.887

■ 10, 14.180, 11.887

■ 0, 14.180, 11.887

■ 70, 14.180, 11.887

■ 70, 14.180, 11.887

■ 65, 22.656, 13.117

■ 75, 6.172, 10.856

60, 31.531, 14.627

81, 1.344, 190.514

55, 40.657, 16.527

87, 8.383, 189.489

51, 49.799, 18.942

92, 14.977,
188.866

47, 58.655, 22.003

96, 18.651,
197.361

44, 66.918, 25.797

43, 74.333, 30.239

96, 18.620,
198.275

42, 80.652, 34.790

41, 81.728, 35.495

Harmonies

Complementary

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



70, 14.180, 11.887



77, 12.923, 188.864

Rectangle

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



70, 14.180, 11.887



70, 14.180, 61.887



70, 14.180, 191.887



70, 14.180, 241.887

Sweetspot

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



70, 14.178, 11.894



97, 4.593, 10.533



71, 22.884, 322.096



51, 3.141, 10.612



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 14.178, 11.894



85, 21.339, 12.375



73, 11.511, 60.100



39, 4.317, 10.979



34, 70.181, 34.810



3, 15.986, 13.668

Inverse Universe

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



70, 14.178, 11.894



85, 21.339, 12.375



74, 10.606, 244.014



39, 4.317, 10.979



34, 70.181, 34.810



3, 15.986, 13.668

Previews

White Background



This preview shows how the CIELCh color 70, 14.180, 11.887 looks on a white background.

Color Contrast Check

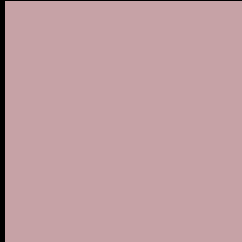
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 70, 14.180, 11.887 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 ✓ Pass

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

CIELCh 70, 14.180, 11.887

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.180, 11.887.



This preview shows how white text looks on a background with the CIELCh color 70, 14.180, 11.887.

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

70, 14.180, 11.887

Protanopia

70, 1.615, 359.449

Deuteranopia

70, 9.299, 20.179



Tritanopia
70, 16.167, 354.983

Trichromacy



Original Color
70, 14.180, 11.887

Protanomaly
70, 6.224, 9.799

Deuteranomaly
70, 10.886, 17.484

Tritanomaly
70, 15.607, 0.482

Monochromacy



Original Color
70, 14.180, 11.887

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.987, 13.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.180, 11.887 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(198, 162, 166)` looks like.

```
.text, #text, p{  
    color:rgb(198, 162, 166)  
}
```

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(198, 162, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 162, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.180, 11.887 is called "border". The border property can be set on classes, ids or directly on the HTML element.

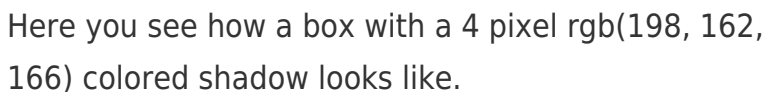
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 162, 166) }
```

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

```
.border{ border-color:rgb(198, 162, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 162, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 162, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 162, 166);  
box-shadow:4px 4px 4px 4px rgb(198, 162,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.180, 11.887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 162, 166) }
```

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

```
.background{ background-color: rgb(198,  
162, 166) }
```

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