

Converting Colors

CIELCh(70, 14.027, 1.989)

Have a look what the booklet for
CIELCh(70, 14.027, 1.989) contains.

CIELCh(70, 14.328, 0.758)	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, 14.328, 0.758)

Conversions

Conversions Part 1

Format	Color
Hex	C5A2AB
RGB	197, 162, 171
RGB Percent	77%, 64%, 67%
CMY	0.2267, 0.3640, 0.3287
CMYK	0.00, 0.18, 0.13, 0.23
HSL	345°, 23%, 70%
HSV	345°, 18%, 77%
XYZ	43.3976, 40.7494, 44.1992
YIQ	173.4910, 17.9710, 10.2190

Conversions

Conversions Part 2

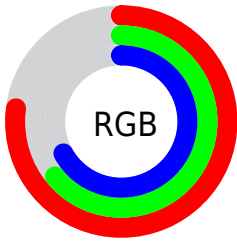
Format	Color
RYB	197, 162, 171
Decimal	12952235
CIELab	70.00, 14.33, 0.19
CIElCh	70, 14.328, 0.758
Yxy	40.7494, 0.3381, 0.3175
Android (android.graphics.Color)	4291142315 (0xFFC5A2AB)
YUV	173.4910, -1.2281, 20.6174
Hunter-Lab	63.8353, 9.6394, 3.6326

Details

The CIELCh color $70, 14.328, 0.758$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $77, 13.505, 177.382$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 14.268, 1.428$, and $50, 14.556, 0.209$ is the 20% darker color. If you saturate the color by 10%, you get $65, 22.839, 2.027$, and if you desaturate by 10%, it is $75, 6.118, 359.653$.

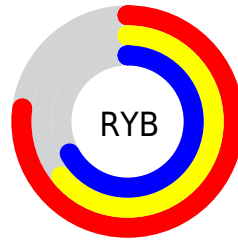
Distribution



Red (77%)

Green (64%)

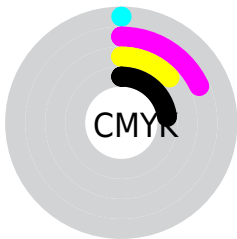
Blue (67%)



Red (77%)

Yellow (64%)

Blue (67%)

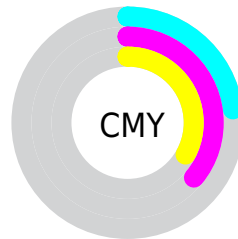


Cyan (0%)

Magenta (18%)

Yellow (13%)

Black (23%)



Cyan (23%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 14.328, 0.758 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, 14.328, 0.758 by changing the saturation by 10% instead.

 70, 14.328, 0.758  70, 14.328, 0.758

 100, 14.328, 0.758  60, 14.328, 0.758

 90, 14.328, 0.758  50, 14.328, 0.758

 40, 14.328, 0.758

 30, 14.328, 0.758

 20, 14.328, 0.758

 10, 14.328, 0.758

 0, 14.328, 0.758

 70, 14.328, 0.758  70, 14.328, 0.758

 65, 22.839, 2.027  75, 6.118, 359.653

60, 31.539, 3.532

81, 1.727, 179.093

55, 40.225, 5.367

86, 9.192, 178.056

51, 48.605, 7.650

92, 16.285,
177.314

47, 56.317, 10.532

96, 20.205,
182.546

45, 63.017, 14.175

43, 68.525, 18.698

96, 18.954,
198.253

42, 73.033, 23.991

41, 74.061, 25.158

Harmonies

Complementary

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



70, 14.328, 0.758



77, 13.505, 177.382

Rectangle

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



70, 14.328, 0.758



70, 14.328, 50.758



70, 14.328, 180.758



70, 14.328, 230.758

Sweetspot

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



70, 14.326, 0.763



97, 4.834, 359.351



70, 21.394, 317.526



51, 3.303, 359.435



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, 14.326, 0.763



86, 21.036, 1.192



72, 11.465, 42.811



39, 4.524, 359.830



34, 63.988, 24.292



4, 16.359, 6.331

Inverse Universe

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



70, 14.326, 0.763



86, 21.036, 1.192



75, 10.256, 224.367



39, 4.524, 359.830



34, 63.988, 24.292



4, 16.359, 6.331

Previews

White Background



This preview shows how the CIELCh color 70, 14.328, 0.758 looks on a white background.

Color Contrast Check

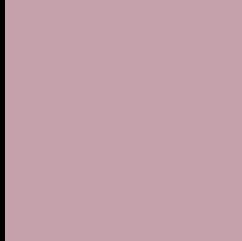
Large Text (above 18pt) WCAG AA × Fail

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, 14.328, 0.758 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, 14.328, 0.758

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.328, 0.758.



This preview shows how white text looks on a background with the CIELCh color 70, 14.328, 0.758.

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, 14.328, 0.758

Protanopia

70, 3.491, 309.184

Deuteranopia

70, 8.857, 2.259



Tritanopia
70, 15.241, 355.469

Trichromacy



Original Color
70, 14.328, 0.758

Protanomaly
70, 6.869, 346.128

Deuteranomaly
70, 10.498, 2.211

Tritanomaly
70, 15.041, 357.372

Monochromacy



Original Color
70, 14.328, 0.758

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.847, 0.033

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.328, 0.758 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(197, 162, 171)` looks like.

```
.text, #text, p{  
    color:rgb(197, 162, 171)  
}
```

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(197, 162, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 162, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.328, 0.758 is called "border". The border property can be set on classes, ids or directly on the HTML element.

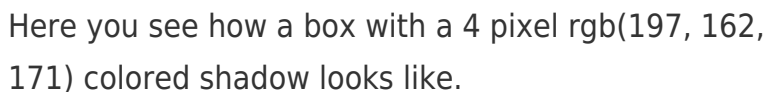
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 162, 171) }
```

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

```
.border{ border-color:rgb(197, 162, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 162, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 162, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 162, 171); box-shadow:4px 4px 4px 4px rgb(197, 162, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.328, 0.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 162, 171) }
```

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

```
.background{ background-color: rgb(197,  
162, 171) }
```

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