

Converting Colors

CIELCh(70, 15.102, 358.429)

Have a look what the booklet for
CIELCh(70, 15.102, 358.429)
contains.

CIELCh(70, 14.860, 359.326)	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, 14.860, 359.326)

Conversions

Conversions Part 1

Format	Color
Hex	C6A2AC
RGB	198, 162, 172
RGB Percent	78%, 64%, 67%
CMY	0.2241, 0.3652, 0.3260
CMYK	0.00, 0.18, 0.13, 0.22
HSL	343°, 24%, 71%
HSV	343°, 18%, 78%
XYZ	43.5779, 40.7494, 44.5263
YIQ	173.9040, 18.2460, 10.7420

Conversions

Conversions Part 2

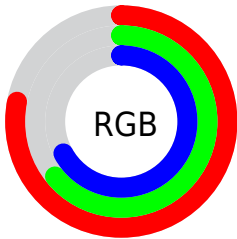
Format	Color
RYB	198, 162, 172
Decimal	13017772
CIELab	70.00, 14.86, -0.17
CIElCh	70, 14.860, 359.326
Yxy	40.7494, 0.3382, 0.3162
Android (android.graphics.Color)	4291207852 (0xFFC6A2AC)
YUV	173.9040, -0.9387, 21.1322
Hunter-Lab	63.8353, 10.1433, 3.3288

Details

The CIELCh color **70, 14.860, 359.326** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77, 14.042, 175.844**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 14.771, 0.021**, and **50, 15.121, 358.755** is the 20% darker color. If you saturate the color by 10%, you get **65, 23.445, 0.594**, and if you desaturate by 10%, it is **75, 6.552, 358.221**.

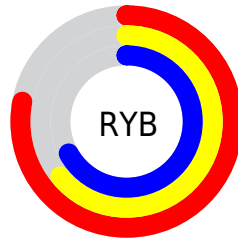
Distribution



Red (78%)

Green (64%)

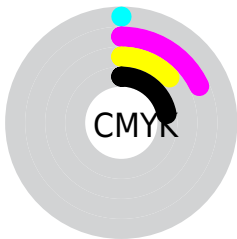
Blue (67%)



Red (78%)

Yellow (64%)

Blue (67%)

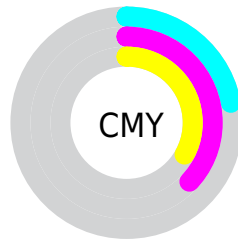


Cyan (0%)

Magenta (18%)

Yellow (13%)

Black (22%)



Cyan (22%)


Magenta (37%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 14.860, 359.326 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, 14.860, 359.326 by changing the saturation by 10% instead.


 70, 14.860,
359.326


 70, 14.860,
359.326


 100, 14.860,
359.326


 60, 14.860,
359.326


 90, 14.860,
359.326

 50, 14.860,
359.326

 40, 14.860,
359.326

 30, 14.860,
359.326

 20, 14.860,
359.326

 10, 14.860,
359.326

 0, 14.860, 359.326

70, 14.860,
359.326

70, 14.860,
359.326

65, 23.445, 0.594

75, 6.552, 358.221

60, 32.185, 2.094

81, 1.408, 177.708

55, 40.865, 3.918

86, 8.999, 176.603

51, 49.178, 6.184

92, 16.224,
175.851

48, 56.751, 9.040

96, 20.220,
180.847

45, 63.229, 12.655

43, 68.437, 17.158

96, 18.754,
198.266

42, 72.619, 22.448

42, 73.393, 23.391

Harmonies

Complementary

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



70, 14.860, 359.326



77, 14.042, 175.844

Rectangle

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



70, 14.860, 359.326



70, 14.860, 49.326



70, 14.860, 179.326



70, 14.860, 229.326

Sweetspot

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



70, 14.858, 359.331



97, 4.882, 357.872



70, 21.902, 317.022



51, 3.336, 357.955



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, 14.858, 359.331



85, 22.255, 359.830



72, 11.900, 40.969



39, 4.567, 358.350



34, 63.284, 22.507



4, 16.432, 5.324

Inverse Universe

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



70, 14.858, 359.331



85, 22.255, 359.830



75, 10.591, 222.262



39, 4.567, 358.350



34, 63.284, 22.507



4, 16.432, 5.324

Previews

White Background



This preview shows how the CIELCh color 70, 14.860, 359.326 looks on a white background.

Color Contrast Check

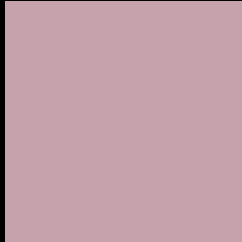
Large Text (above 18pt) WCAG AA × Fail

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, 14.860, 359.326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

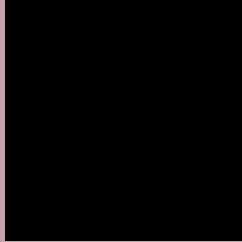
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 14.860, 359.326

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.860, 359.326.



This preview shows how white text looks on a background with the CIELCh color 70, 14.860, 359.326.

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, 14.860, 359.326

Protanopia

70, 4.013, 306.698

Deuteranopia

70, 8.857, 2.259



Tritanopia
70, 15.241, 355.469

Trichromacy



Original Color
70, 14.860, 359.326

Protanomaly
70, 7.184, 342.503

Deuteranomaly
70, 11.405, 0.909

Tritanomaly
70, 15.041, 357.372

Monochromacy



Original Color
70, 14.860, 359.326

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 5.209, 1.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.860, 359.326 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(198, 162, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 162, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.860, 359.326 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, 172) }
```

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

```
.border{ border-color:rgb(198, 162, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 162, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 162, 172);  
box-shadow:4px 4px 4px 4px rgb(198, 162,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.860, 359.326 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, 172) }
```

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

```
.background{ background-color: rgb(198,  
162, 172) }
```

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