

Converting Colors

CIELCh(70, 14.323, 358.699)

Have a look what the booklet for
CIELCh(70, 14.323, 358.699)
contains.

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Color

CIELCh(70, 14.497, 358.713)

Conversions

Conversions Part 1

Format	Color
Hex	C5A2AC
RGB	197, 162, 172
RGB Percent	77%, 64%, 67%
CMY	0.2270, 0.3642, 0.3250
CMYK	0.00, 0.18, 0.13, 0.23
HSL	343°, 23%, 70%
HSV	343°, 18%, 77%
XYZ	43.4540, 40.7494, 44.6621
YIQ	173.6050, 17.6500, 10.5300

Conversions

Conversions Part 2

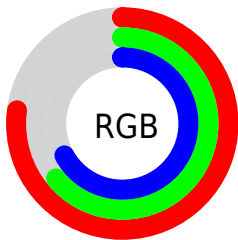
Format	Color
R _{YB}	197, 162, 172
Decimal	12952236
CIE Lab	70.00, 14.49, -0.33
CIE LCh	70, 14.497, 358.713
Yxy	40.7494, 0.3372, 0.3162
Android (android.graphics.Color)	4291142316 (0xFFC5A2AC)
YUV	173.6050, -0.7913, 20.5174
Hunter-Lab	63.8353, 9.7969, 3.2026

Details

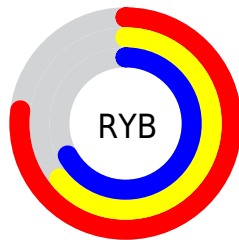
The CIELCh color $70, 14.497, 358.713$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $77, 13.739, 175.327$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 14.426, 359.472$, and $50, 14.736, 358.064$ is the 20% darker color. If you saturate the color by 10%, you get $65, 23.063, 359.968$, and if you desaturate by 10%, it is $75, 6.203, 357.614$.

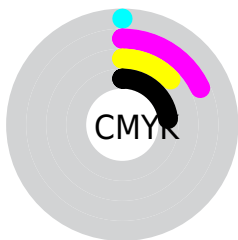
Distribution



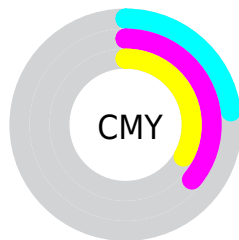
- Red (77%)
- Green (64%)
- Blue (67%)



- 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, 14.497, 358.713 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, 14.497, 358.713 by changing the saturation by 10% instead.


 70, 14.497,
358.713


 70, 14.497,
358.713


 100, 14.497,
358.713


 60, 14.497,
358.713


 90, 14.497,
358.713

 50, 14.497,
358.713

 40, 14.497,
358.713

 30, 14.497,
358.713

 20, 14.497,
358.713

 10, 14.497,
358.713

 0, 14.497, 358.713

70, 14.497,
358.713

70, 14.497,
358.713

65, 23.063,
359.968

75, 6.203, 357.614

60, 31.781, 1.448

81, 1.748, 177.042

55, 40.437, 3.243

86, 9.335, 176.007

51, 48.727, 5.467

92, 16.562,
175.259

48, 56.275, 8.269

96, 20.595,
179.963

45, 62.722, 11.817

96, 18.977,
198.252

43, 67.876, 16.249

42, 71.947, 21.505

41, 72.874, 22.678

Harmonies

Complementary

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



70, 14.497, 358.713



77, 13.739, 175.327

Rectangle

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



70, 14.497, 358.713



70, 14.497, 48.713



70, 14.497, 178.713



70, 14.497, 228.713

Sweetspot

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



70, 14.495, 358.718



97, 4.901, 357.314



70, 21.219, 316.475



51, 3.349, 357.397



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, 14.495, 358.718



86, 21.271, 359.142



71, 11.666, 39.169



39, 4.584, 357.790



34, 63.033, 21.809



4, 16.462, 4.940

Inverse Universe

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



70, 14.495, 358.718



86, 21.271, 359.142



75, 10.397, 220.139



39, 4.584, 357.790



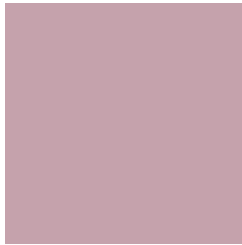
34, 63.033, 21.809



4, 16.462, 4.940

Previews

White Background



This preview shows how the CIELCh color 70, 14.497, 358.713 looks on a white background.

Color Contrast Check

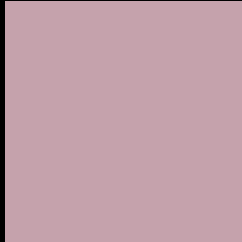
Large Text (above 18pt) WCAG AA × Fail

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, 14.497, 358.713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

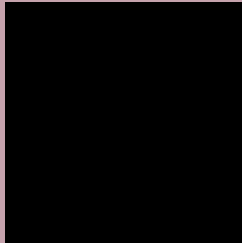
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 14.497, 358.713

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.497, 358.713.



This preview shows how white text looks on a background with the CIELCh color 70, 14.497, 358.713.

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, 14.497, 358.713

Protanopia
70, 4.013, 306.698

Deuteranopia
70, 8.857, 2.259



Tritanopia
70, 14.892, 354.781

Trichromacy



Original Color
70, 14.497, 358.713

Protanomaly
70, 7.184, 342.503

Deuteranomaly
70, 10.498, 2.211

Tritanomaly
70, 14.686, 356.720

Monochromacy



Original Color
70, 14.497, 358.713

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, 14.497, 358.713 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 162, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 162, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.497, 358.713 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, 172) }
```

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

```
.border{ border-color:rgb(197, 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(197, 162, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 162, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 162, 172);  
box-shadow:4px 4px 4px 4px rgb(197, 162,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.497, 358.713 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, 172) }
```

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

```
.background{ background-color: rgb(197,  
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](#).

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