

Converting Colors

CIELCh(70, 14.418, 6.679)

Have a look what the booklet for
CIELCh(70, 14.418, 6.679) contains.

CIELCh(70, 14.428, 5.455)	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, 14.428, 5.455)

Conversions

Conversions Part 1

Format	Color
Hex	C6A2A9
RGB	198, 162, 169
RGB Percent	78%, 64%, 66%
CMY	0.2232, 0.3644, 0.3370
CMYK	0.00, 0.18, 0.15, 0.22
HSL	348°, 24%, 71%
HSV	348°, 18%, 78%
XYZ	43.4098, 40.7494, 43.1493
YIQ	173.5620, 19.2090, 9.8090

Conversions

Conversions Part 2

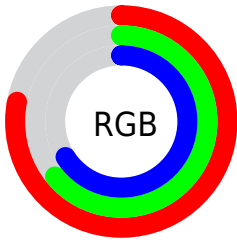
Format	Color
R_{YB}	198, 162, 169
Decimal	13017769
CIE _{Lab}	70.00, 14.36, 1.37
CIE _{LCh}	70, 14.428, 5.455
Yxy	40.7494, 0.3410, 0.3201
Android (android.graphics.Color)	4291207849 (0xFFC6A2A9)
YUV	173.5620, -2.2491, 21.4321
Hunter-Lab	63.8353, 9.6733, 4.6078

Details

The CIELCh color **70, 14.428, 5.455** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77, 13.399, 182.087**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 14.365, 5.882**, and **50, 14.669, 5.187** is the 20% darker color. If you saturate the color by 10%, you get **65, 22.902, 6.740**, and if you desaturate by 10%, it is **75, 6.321, 4.354**.

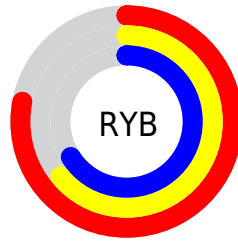
Distribution



Red (78%)

Green (64%)

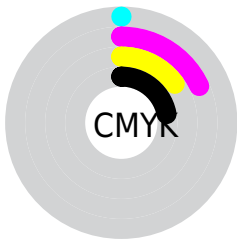
Blue (66%)



Red (78%)

Yellow (64%)

Blue (66%)

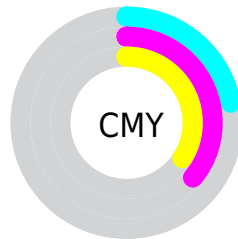


Cyan (0%)

Magenta (18%)

Yellow (15%)

Black (22%)



Cyan (22%)

Magenta (36%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 14.428, 5.455 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, 14.428, 5.455 by changing the saturation by 10% instead.

70, 14.428, 5.455

70, 14.428, 5.455

100, 14.428, 5.455

60, 14.428, 5.455

90, 14.428, 5.455

50, 14.428, 5.455

40, 14.428, 5.455

30, 14.428, 5.455

20, 14.428, 5.455

10, 14.428, 5.455

0, 14.428, 5.455

70, 14.428, 5.455

70, 14.428, 5.455

65, 22.902, 6.740

75, 6.321, 4.354

60, 31.647, 8.285	81, 1.369, 183.901
55, 40.481, 10.194	87, 8.639, 182.805
51, 49.134, 12.592	92, 15.507, 182.091
47, 57.273, 15.626	
45, 64.580, 19.440	96, 19.245, 188.766
43, 70.887, 24.079	96, 18.686, 198.270
42, 76.322, 29.268	
41, 77.316, 30.156	

Harmonies

Complementary

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



70, 14.428, 5.455



77, 13.399, 182.087

Rectangle

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



70, 14.428, 5.455



70, 14.428, 55.455



70, 14.428, 185.455



70, 14.428, 235.455

Sweetspot

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



70, 14.426, 5.461



97, 4.708, 4.009



70, 22.370, 319.606



51, 3.218, 4.092



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, 14.426, 5.461



85, 21.659, 5.965



73, 11.539, 50.381



39, 4.414, 4.484



34, 66.472, 29.318



3, 16.166, 9.439

Inverse Universe

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



70, 14.426, 5.461



85, 21.659, 5.965



74, 10.411, 233.124



39, 4.414, 4.484



34, 66.472, 29.318



3, 16.166, 9.439

Previews

White Background



This preview shows how the CIELCh color 70, 14.428, 5.455 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, 14.428, 5.455 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, 14.428, 5.455

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.428, 5.455.



This preview shows how white text looks on a background with the CIELCh color 70, 14.428, 5.455.

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, 14.428, 5.455

Protanopia

70, 2.481, 317.320

Deuteranopia

70, 8.933, 13.166



Tritanopia
70, 16.167, 354.983

Trichromacy



Original Color
70, 14.428, 5.455

Protanomaly
70, 6.337, 354.386

Deuteranomaly
70, 10.557, 11.442

Tritanomaly
70, 15.776, 358.605

Monochromacy



Original Color
70, 14.428, 5.455

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 5.069, 7.360

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.428, 5.455 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(198, 162, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 162, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.428, 5.455 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, 169) }
```

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

```
.border{ border-color:rgb(198, 162, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 162, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 162, 169);  
box-shadow:4px 4px 4px 4px rgb(198, 162,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.428, 5.455 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, 169) }
```

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

```
.background{ background-color: rgb(198,  
162, 169) }
```

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