

Converting Colors

CIELCh(70, 19.652, 53.499)

Have a look what the booklet for
CIELCh(70, 19.652, 53.499) contains.

CIELCh(70, 19.523, 54.140)	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, 19.523, 54.140)

Conversions

Conversions Part 1

Format	Color
Hex	CAA38F
RGB	202, 163, 143
RGB Percent	79%, 64%, 56%
CMY	0.2077, 0.3607, 0.4391
CMYK	0.00, 0.19, 0.29, 0.21
HSL	20°, 36%, 68%
HSV	20°, 29%, 79%
XYZ	42.4277, 40.7494, 31.6271
YIQ	172.3810, 29.6640, 2.0480

Conversions

Conversions Part 2

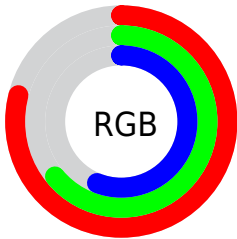
Format	Color
R _Y B	202, 173, 143
Decimal	13280143
CIE Lab	70.00, 11.44, 15.82
CIE LCh	70, 19.523, 54.140
Yxy	40.7494, 0.3696, 0.3549
Android (android.graphics.Color)	4291470223 (0xFFCAA38F)
YUV	172.3810, -14.4848, 25.9759
Hunter-Lab	63.8353, 6.9271, 15.3095

Details

The CIELCh color **70, 19.523, 54.140** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **72, 16.643, 239.774**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 17.949, 57.216**, and **50, 19.439, 53.095** is the 20% darker color. If you saturate the color by 10%, you get **66, 27.192, 53.506**, and if you desaturate by 10%, it is **74, 12.378, 54.853**.

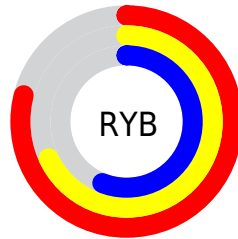
Distribution



Red (79%)

Green (64%)

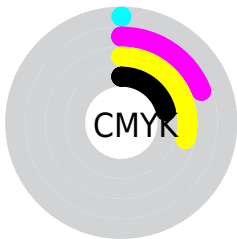
Blue (56%)



Red (79%)

Yellow (68%)

Blue (56%)

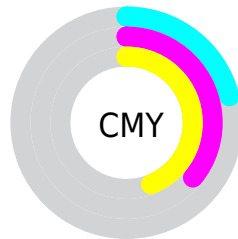


Cyan (0%)

Magenta (19%)

Yellow (29%)

Black (21%)



Cyan (21%)

Magenta (36%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 19.523, 54.140 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, 19.523, 54.140 by changing the saturation by 10% instead.

 70, 19.523, 54.140

 70, 19.523, 54.140

 100, 19.523,
54.140

 60, 19.523, 54.140

 90, 19.523, 54.140

 50, 19.523, 54.140

 40, 19.523, 54.140

 30, 19.523, 54.140

 20, 19.523, 54.140

 10, 19.523, 54.140

 0, 19.523, 54.140

 70, 19.523, 54.140

 70, 19.523, 54.140

 66, 27.192, 53.506

 74, 12.378, 54.853

63, 35.397, 52.947

78, 5.724, 55.581

59, 44.102, 52.471

82, 0.484, 237.483

56, 53.170, 52.047

86, 6.294, 237.382

53, 62.259, 51.563

90, 11.751,
238.184

50, 70.617, 50.737

93, 14.693,
223.336

48, 77.306, 49.301

48, 77.839, 49.221

97, 17.479,
198.347

Harmonies

Complementary

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



70, 19.523, 54.140



72, 16.643, 239.774

Rectangle

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



70, 19.523, 54.140



70, 19.523, 104.140



70, 19.523, 234.140



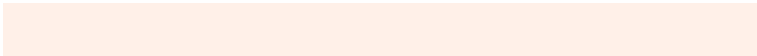
70, 19.523, 284.140

Sweetspot

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



70, 19.522, 54.148



96, 6.760, 55.586



66, 30.740, 337.853



50, 4.722, 55.482



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, 19.522, 54.148



84, 28.926, 53.736



77, 26.401, 99.039



41, 3.558, 55.567



39, 66.848, 49.735



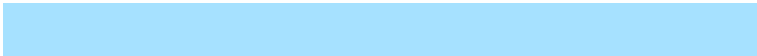
6, 15.001, 40.471

Inverse Universe

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



72, 16.643, 239.774



87, 23.697, 240.811



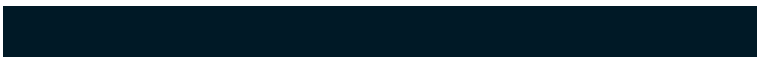
64, 27.519, 286.323



41, 3.400, 237.345



44, 37.735, 262.579



8, 12.481, 250.981

Previews

White Background



This preview shows how the CIELCh color 70, 19.523, 54.140 looks on a white background.

Color Contrast Check

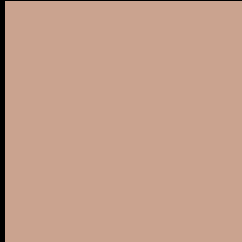
Large Text (above 18pt) WCAG AA × Fail

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, 19.523, 54.140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

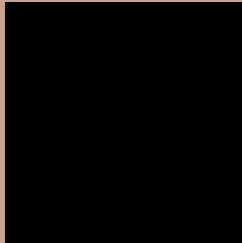
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 19.523, 54.140

Background



This preview shows how black text looks on a background with the CIELCh color 70, 19.523, 54.140.

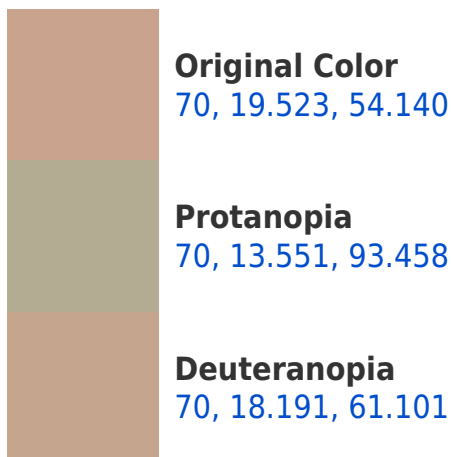



This preview shows how white text looks on a background with the CIELCh color 70, 19.523, 54.140.

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





Tritanopia
70, 18.899, 1.061

Trichromacy



Original Color
70, 19.523, 54.140

Protanomaly
70, 14.500, 75.144

Deuteranomaly
70, 18.486, 58.262

Tritanomaly
70, 17.390, 19.203

Monochromacy



Original Color
70, 19.523, 54.140

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.975, 58.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 19.523, 54.140 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(202, 163, 143)` looks like.

```
.text, #text, p{  
    color:rgb(202, 163, 143)  
}
```

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(202, 163, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 163, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 19.523, 54.140 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(202, 163, 143) }
```

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

```
.border{ border-color:rgb(202, 163, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 163, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 163, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 163, 143);  
box-shadow:4px 4px 4px 4px rgb(202, 163,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 19.523, 54.140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 163, 143) }
```

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

```
.background{ background-color: rgb(202,  
163, 143) }
```

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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