

Converting Colors

CIELCh(70, 16.908, 50.955)

Have a look what the booklet for
CIELCh(70, 16.908, 50.955) contains.

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Color

CIELCh(70, 16.759, 51.532)

Conversions

Conversions Part 1

Format	Color
Hex	C7A494
RGB	199, 164, 148
RGB Percent	78%, 64%, 58%
CMY	0.2202, 0.3574, 0.4202
CMYK	0.00, 0.18, 0.26, 0.22
HSL	19°, 31%, 68%
HSV	19°, 26%, 78%
XYZ	42.0917, 40.7494, 33.6016
YIQ	172.6410, 25.9960, 2.4440

Conversions

Conversions Part 2

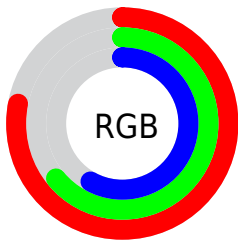
Format	Color
R _Y B	199, 171, 148
Decimal	13083796
CIE Lab	70.00, 10.43, 13.12
CIE LCh	70, 16.759, 51.532
Yxy	40.7494, 0.3615, 0.3500
Android (android.graphics.Color)	4291273876 (0xFFC7A494)
YUV	172.6410, -12.1480, 23.1168
Hunter-Lab	63.8353, 5.9877, 13.4756

Details

The CIELCh color $70, 16.759, 51.532$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $72, 14.476, 235.832$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 16.322, 52.607$, and $50, 16.769, 51.785$ is the 20% darker color. If you saturate the color by 10%, you get $66, 24.201, 51.008$, and if you desaturate by 10%, it is $74, 9.846, 52.141$.

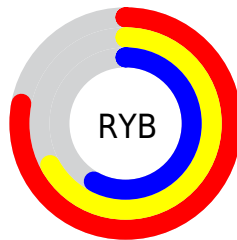
Distribution



Red (78%)

Green (64%)

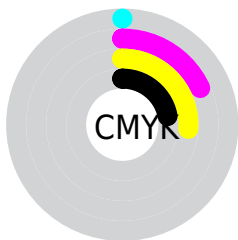
Blue (58%)



Red (78%)

Yellow (67%)

Blue (58%)

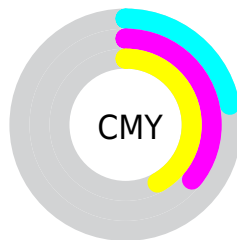


Cyan (0%)

Magenta (18%)

Yellow (26%)

Black (22%)



Cyan (22%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 16.759, 51.532 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, 16.759, 51.532 by changing the saturation by 10% instead.

70, 16.759, 51.532

70, 16.759, 51.532

100, 16.759,
51.532

60, 16.759, 51.532

90, 16.759, 51.532

50, 16.759, 51.532

40, 16.759, 51.532

30, 16.759, 51.532

20, 16.759, 51.532

10, 16.759, 51.532

0, 16.759, 51.532

70, 16.759, 51.532

70, 16.759, 51.532

66, 24.201, 51.008

74, 9.846, 52.141

62, 32.195, 50.570

78, 3.422, 52.727

59, 40.728, 50.239

82, 2.560, 233.786

56, 49.710, 50.003

86, 8.148, 234.399

53, 58.898, 49.790

90, 13.390,
235.132

50, 67.728, 49.393

94, 15.971,
216.029

47, 75.079, 48.363

46, 77.961, 47.935

96, 18.455,
198.285

Harmonies

Complementary

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



70, 16.759, 51.532



72, 14.476, 235.832

Rectangle

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



70, 16.759, 51.532



70, 16.759, 101.532



70, 16.759, 231.532



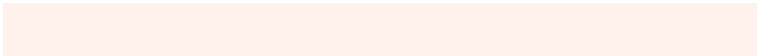
70, 16.759, 281.532

Sweetspot

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



70, 16.758, 51.541



96, 5.993, 52.599



67, 27.259, 336.102



51, 4.283, 52.510



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, 16.758, 51.541



85, 25.349, 51.221



76, 22.149, 97.435



40, 3.488, 52.526



38, 66.975, 48.431



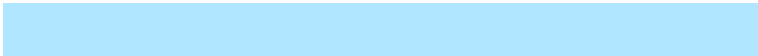
6, 13.491, 39.035

Inverse Universe

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



72, 14.476, 235.832



89, 21.076, 236.640



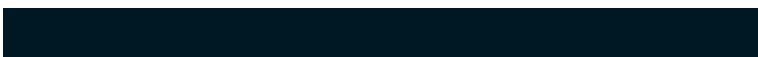
66, 22.798, 283.885



40, 3.323, 234.116



45, 35.693, 258.125



7, 11.485, 247.111

Previews

White Background



This preview shows how the CIELCh color 70, 16.759, 51.532 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, 16.759, 51.532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

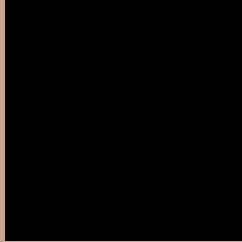
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 16.759, 51.532

Background



This preview shows how black text looks on a background with the CIELCh color 70, 16.759, 51.532.

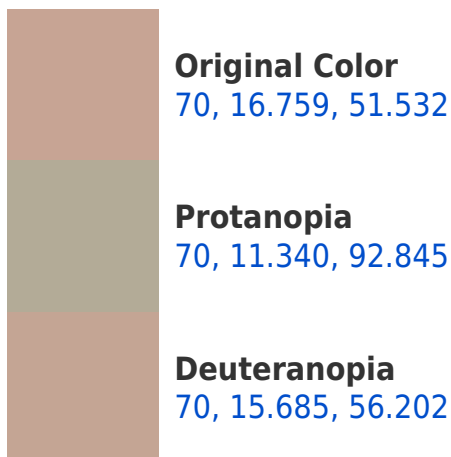


This preview shows how white text looks on a background with the CIELCh color 70, 16.759, 51.532.

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, 17.596, 357.407

Trichromacy



Original Color
70, 16.759, 51.532

Protanomaly
70, 12.196, 73.037

Deuteranomaly
70, 16.023, 55.348

Tritanomaly
70, 15.749, 14.917

Monochromacy



Original Color
70, 16.759, 51.532

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.995, 52.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 16.759, 51.532 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(199, 164, 148)` looks like.

```
.text, #text, p{  
    color:rgb(199, 164, 148)  
}
```

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(199, 164, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 164, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 16.759, 51.532 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(199, 164, 148) }
```

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

```
.border{ border-color:rgb(199, 164, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 164, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 164, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 164, 148);  
box-shadow:4px 4px 4px 4px rgb(199, 164,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 16.759, 51.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 164, 148) }
```

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

```
.background{ background-color: rgb(199,  
164, 148) }
```

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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