

Converting Colors

CIELCh(70, 14.706, 51.384)

Have a look what the booklet for
CIELCh(70, 14.706, 51.384) contains.

CIELCh(70, 14.686, 51.390)	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, 14.686, 51.390)

Conversions

Conversions Part 1

Format	Color
Hex	C4A597
RGB	196, 165, 151
RGB Percent	77%, 65%, 59%
CMY	0.2324, 0.3539, 0.4088
CMYK	0.00, 0.16, 0.23, 0.23
HSL	19°, 28%, 68%
HSV	19°, 23%, 77%
XYZ	41.6753, 40.7494, 34.8441
YIQ	172.6730, 22.9700, 2.2180

Conversions

Conversions Part 2

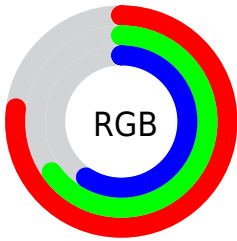
Format	Color
RYB	196, 171, 151
Decimal	12887447
CIELab	70.00, 9.16, 11.48
CIElCh	70, 14.686, 51.390
Yxy	40.7494, 0.3554, 0.3475
Android (android.graphics.Color)	4291077527 (0xFFC4A597)
YUV	172.6730, -10.6848, 20.4578
Hunter-Lab	63.8353, 4.8231, 12.3216

Details

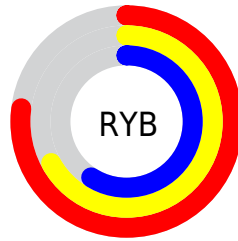
The CIELCh color $70, 14.686, 51.390$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $72, 12.893, 235.145$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 14.720, 51.767$, and $50, 14.881, 50.887$ is the 20% darker color. If you saturate the color by 10%, you get $66, 21.896, 50.860$, and if you desaturate by 10%, it is $74, 7.990, 51.998$.

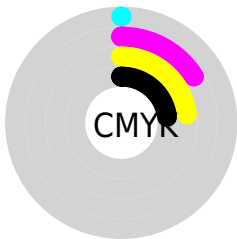
Distribution



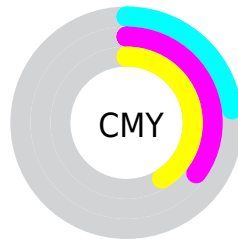
- Red (77%)
- Green (65%)
- Blue (59%)



- Red (77%)
- Yellow (67%)
- Blue (59%)



- Cyan (0%)
- Magenta (16%)
- Yellow (23%)
- Black (23%)



- Cyan (23%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 14.686, 51.390 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, 14.686, 51.390 by changing the saturation by 10% instead.

70, 14.686, 51.390

70, 14.686, 51.390

100, 14.686,
51.390

60, 14.686, 51.390

90, 14.686, 51.390

50, 14.686, 51.390

40, 14.686, 51.390

30, 14.686, 51.390

20, 14.686, 51.390

10, 14.686, 51.390

0, 14.686, 51.390

70, 14.686, 51.390

70, 14.686, 51.390

66, 21.896, 50.860

74, 7.990, 51.998

62, 29.650, 50.410

78, 1.767, 52.462

59, 37.946, 50.068

82, 4.032, 233.580

56, 46.721, 49.831

86, 9.453, 234.249

52, 55.791, 49.648

90, 14.543,
234.980

50, 64.708, 49.362

94, 16.863,
215.140

47, 72.526, 48.592

46, 77.132, 47.840

96, 19.391,
198.226

Harmonies

Complementary

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



70, 14.686, 51.390



72, 12.893, 235.145

Rectangle

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



70, 14.686, 51.390



70, 14.686, 101.390



70, 14.686, 231.390



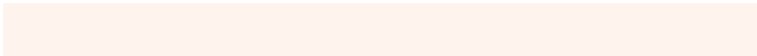
70, 14.686, 281.390

Sweetspot

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



70, 14.685, 51.400



97, 5.225, 52.339



67, 24.109, 335.896



51, 3.403, 52.306



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, 14.685, 51.400



86, 22.643, 51.095



76, 19.586, 97.755



39, 3.415, 52.214



38, 66.265, 48.342



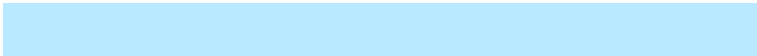
5, 11.838, 39.975

Inverse Universe

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



72, 12.893, 235.145



90, 19.192, 235.846



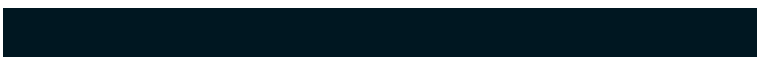
66, 20.092, 283.453



39, 3.253, 233.780



44, 35.109, 257.585



6, 10.649, 246.988

Previews

White Background



This preview shows how the CIELCh color 70, 14.686, 51.390 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, 14.686, 51.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

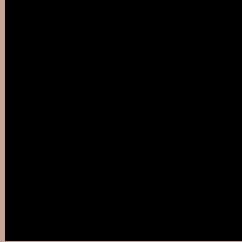
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 14.686, 51.390

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.686, 51.390.



This preview shows how white text looks on a background with the CIELCh color 70, 14.686, 51.390.

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, 16.167, 354.983

Trichromacy



Original Color
70, 14.686, 51.390

Protanomaly
70, 10.566, 75.041

Deuteranomaly
70, 14.334, 52.221

Tritanomaly
70, 14.180, 11.887

Monochromacy



Original Color
70, 14.686, 51.390

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.365, 50.162

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.686, 51.390 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(196, 165, 151)` looks like.

```
.text, #text, p{  
    color:rgb(196, 165, 151)  
}
```

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(196, 165, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 165, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.686, 51.390 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(196, 165, 151) }
```

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

```
.border{ border-color:rgb(196, 165, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 165, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 165, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 165, 151);  
box-shadow:4px 4px 4px 4px rgb(196, 165,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.686, 51.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 165, 151) }
```

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

```
.background{ background-color: rgb(196,  
165, 151) }
```

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