

Converting Colors

CIELCh(70, 18.235, 48.900)

Have a look what the booklet for
CIELCh(70, 18.235, 48.900) contains.

CIELCh(70, 18.235, 48.900)	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, 18.235, 48.900)

Conversions

Conversions Part 1

Format	Color
Hex	CAA393
RGB	202, 163, 147
RGB Percent	79%, 64%, 58%
CMY	0.2087, 0.3616, 0.4243
CMYK	0.00, 0.19, 0.27, 0.21
HSL	17°, 34%, 68%
HSV	17°, 27%, 79%
XYZ	42.6113, 40.7494, 33.1415
YIQ	172.8370, 28.3800, 3.2920

Conversions

Conversions Part 2

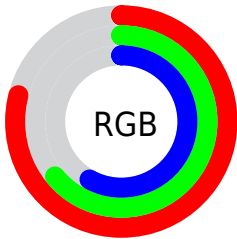
Format	Color
R _Y B	202, 170, 147
Decimal	13280147
CIE Lab	70.00, 11.99, 13.74
CIE LCh	70, 18.235, 48.900
Yxy	40.7494, 0.3658, 0.3498
Android (android.graphics.Color)	4291470227 (0xFFCAA393)
YUV	172.8370, -12.7376, 25.5760
Hunter-Lab	63.8353, 7.4406, 13.9029

Details

The CIELCh color **70, 18.235, 48.900** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73, 15.467, 232.926**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 16.670, 51.899**, and **50, 18.389, 48.974** is the 20% darker color. If you saturate the color by 10%, you get **66, 25.927, 48.519**, and if you desaturate by 10%, it is **74, 11.102, 49.384**.

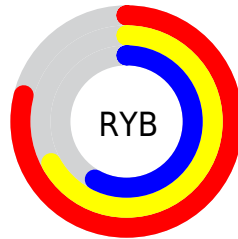
Distribution



Red (79%)

Green (64%)

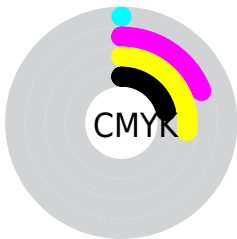
Blue (58%)



Red (79%)

Yellow (67%)

Blue (58%)

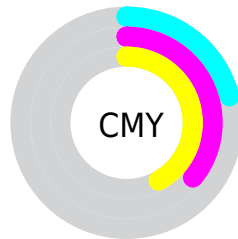


Cyan (0%)

Magenta (19%)

Yellow (27%)

Black (21%)



Cyan (21%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 18.235, 48.900 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, 18.235, 48.900 by changing the saturation by 10% instead.

■ 70, 18.235, 48.900

■ 70, 18.235, 48.900

■ 100, 18.235,
48.900

■ 60, 18.235, 48.900

■ 90, 18.235, 48.900

■ 50, 18.235, 48.900

■ 40, 18.235, 48.900

■ 30, 18.235, 48.900

■ 20, 18.235, 48.900

■ 10, 18.235, 48.900

■ 0, 18.235, 48.900

■ 70, 18.235, 48.900

■ 70, 18.235, 48.900

■ 66, 25.927, 48.519

■ 74, 11.102, 49.384

62, 34.199, 48.245

78, 4.491, 49.884

59, 43.026, 48.100

82, 1.649, 230.931

55, 52.300, 48.070

87, 7.367, 231.345

52, 61.735, 48.069

91, 12.713,
231.993

49, 70.677, 47.852

95, 15.694,
210.575

47, 77.943, 46.972

46, 79.823, 46.806

97, 17.554,
198.342

Harmonies

Complementary

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



70, 18.235, 48.900



73, 15.467, 232.926

Rectangle

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



70, 18.235, 48.900



70, 18.235, 98.900



70, 18.235, 228.900



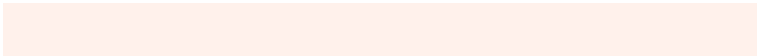
70, 18.235, 278.900

Sweetspot

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



70, 18.234, 48.908



96, 6.013, 49.845



67, 29.655, 335.526



51, 4.298, 49.772



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, 18.234, 48.908



84, 27.363, 48.655



77, 23.448, 96.174



41, 3.575, 49.784



38, 68.608, 47.268



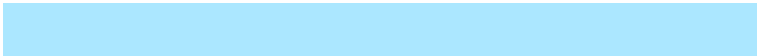
6, 15.330, 36.632

Inverse Universe

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



73, 15.467, 232.926



88, 22.224, 233.748



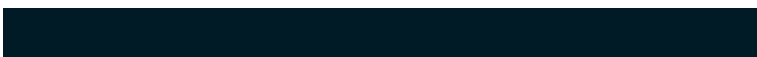
66, 24.093, 283.183



41, 3.396, 231.198



46, 34.857, 253.968



8, 12.014, 242.478

Previews

White Background



This preview shows how the CIELCh color 70, 18.235, 48.900 looks on a white background.

Color Contrast Check

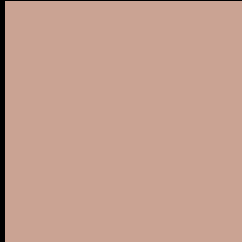
Large Text (above 18pt) WCAG AA × Fail

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, 18.235, 48.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

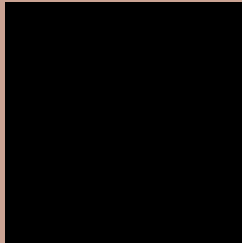
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 18.235, 48.900

Background



This preview shows how black text looks on a background with the CIELCh color 70, 18.235, 48.900.

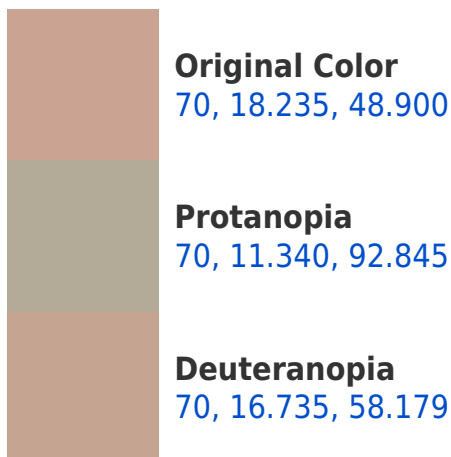


This preview shows how white text looks on a background with the CIELCh color 70, 18.235, 48.900.

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, 19.057, 359.502

Trichromacy



Original Color
70, 18.235, 48.900

Protanomaly
70, 12.890, 72.918

Deuteranomaly
70, 17.419, 54.391

Tritanomaly
70, 17.370, 15.640

Monochromacy



Original Color
70, 18.235, 48.900

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 6.329, 50.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 18.235, 48.900 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(202, 163, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 163, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 18.235, 48.900 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, 147) }
```

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

```
.border{ border-color:rgb(202, 163, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 163, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 163, 147); box-shadow:4px 4px 4px 4px rgb(202, 163, 147) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 18.235, 48.900 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, 147) }
```

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

```
.background{ background-color: rgb(202,  
163, 147) }
```

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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