

Converting Colors

CIELCh(70, 18.516, 60.295)

Have a look what the booklet for
CIELCh(70, 18.516, 60.295) contains.

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Color

CIELCh(70, 18.536, 60.254)

Conversions

Conversions Part 1

Format	Color
Hex	C6A48E
RGB	198, 164, 142
RGB Percent	78%, 64%, 56%
CMY	0.2217, 0.3551, 0.4414
CMYK	0.00, 0.17, 0.28, 0.22
HSL	24°, 33%, 67%
HSV	24°, 28%, 78%
XYZ	41.6859, 40.7494, 31.4333
YIQ	171.6580, 27.3260, 0.3660

Conversions

Conversions Part 2

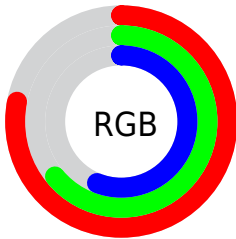
Format	Color
R _Y B	198, 178, 142
Decimal	13018254
CIE Lab	70.00, 9.20, 16.09
CIE LCh	70, 18.536, 60.254
Yxy	40.7494, 0.3661, 0.3579
Android (android.graphics.Color)	4291208334 (0xFFC6A48E)
YUV	171.6580, -14.6214, 23.1019
Hunter-Lab	63.8353, 4.8530, 15.4895

Details

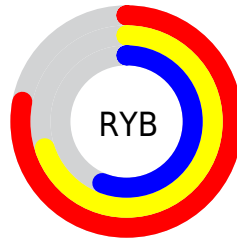
The CIELCh color $70, 18.536, 60.254$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $70, 16.284, 246.792$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 18.323, 60.357$, and $50, 18.314, 59.582$ is the 20% darker color. If you saturate the color by 10%, you get $67, 25.944, 59.353$, and if you desaturate by 10%, it is $74, 11.586, 61.202$.

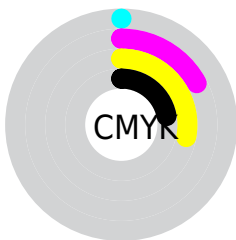
Distribution



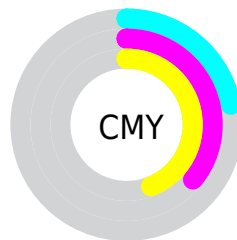
- Red (78%)
- Green (64%)
- Blue (56%)



- Red (78%)
- Yellow (70%)
- Blue (56%)



- Cyan (0%)
- Magenta (17%)
- Yellow (28%)
- Black (22%)



- Cyan (22%)
- Magenta (36%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 18.536, 60.254 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, 18.536, 60.254 by changing the saturation by 10% instead.

 70, 18.536, 60.254

 70, 18.536, 60.254

 100, 18.536,
60.254

 60, 18.536, 60.254

 90, 18.536, 60.254

 50, 18.536, 60.254

 40, 18.536, 60.254

 30, 18.536, 60.254

 20, 18.536, 60.254

 10, 18.536, 60.254

 0, 18.536, 60.254

 70, 18.536, 60.254

 70, 18.536, 60.254

 67, 25.944, 59.353

 74, 11.586, 61.202

63, 33.820, 58.488

77, 5.066, 62.132

60, 42.126, 57.664

81, 1.063, 243.632

57, 50.731, 56.846

84, 6.844, 244.269

54, 59.314, 55.932

88, 12.315,
245.222

52, 67.191, 54.674

92, 15.457,
236.643

49, 73.432, 52.765

49, 74.519, 52.480

95, 16.728,
209.467

96, 18.566,
198.278

Harmonies

Complementary

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



70, 18.536, 60.254



70, 16.284, 246.792

Rectangle

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



70, 18.536, 60.254



70, 18.536, 110.254



70, 18.536, 240.254



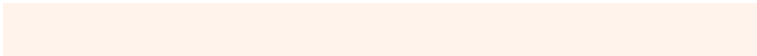
70, 18.536, 290.254

Sweetspot

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



70, 18.536, 60.262



96, 6.033, 62.142



66, 28.322, 340.103



51, 4.308, 62.006



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, 18.536, 60.262



85, 27.932, 59.687



77, 26.405, 101.952



40, 3.509, 62.030



40, 64.146, 53.038



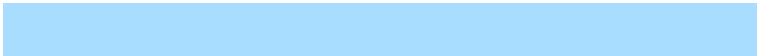
6, 13.144, 45.841

Inverse Universe

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



70, 16.284, 246.792



86, 23.738, 247.941



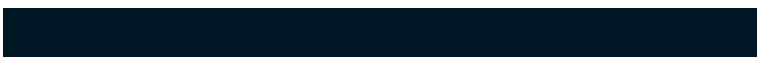
63, 27.747, 288.665



40, 3.379, 244.132



41, 41.294, 270.837



6, 12.386, 258.871

Previews

White Background



This preview shows how the CIELCh color 70, 18.536, 60.254 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, 18.536, 60.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

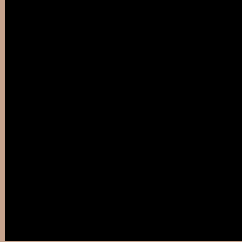
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 18.536, 60.254

Background



This preview shows how black text looks on a background with the CIELCh color 70, 18.536, 60.254.



This preview shows how white text looks on a background with the CIELCh color 70, 18.536, 60.254.

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, 18.536, 60.254

Protanopia

70, 14.078, 93.962

Deuteranopia

70, 18.583, 62.248



Tritanopia
70, 17.596, 357.407

Trichromacy



Original Color
70, 18.536, 60.254

Protanomaly
70, 14.996, 79.852

Deuteranomaly
70, 18.583, 62.248

Tritanomaly
70, 15.358, 20.769

Monochromacy



Original Color
70, 18.536, 60.254

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.671, 60.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 18.536, 60.254 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, 164, 142)` looks like.

```
.text, #text, p{  
    color:rgb(198, 164, 142)  
}
```

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, 164, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 164, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 18.536, 60.254 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, 164, 142) }
```

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

```
.border{ border-color:rgb(198, 164, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 164, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 164, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 164, 142);  
box-shadow:4px 4px 4px 4px rgb(198, 164,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 18.536, 60.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 164, 142) }
```

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

```
.background{ background-color: rgb(198,  
164, 142) }
```

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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