

Converting Colors

CIELCh(71, 15.657, 59.751)

Have a look what the booklet for
CIELCh(71, 15.657, 59.751) contains.

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Color

CIELCh(71, 15.650, 58.598)

Conversions

Conversions Part 1

Format	Color
Hex	C6A896
RGB	198, 168, 150
RGB Percent	78%, 66%, 59%
CMY	0.2237, 0.3413, 0.4119
CMYK	0.00, 0.15, 0.24, 0.22
HSL	23°, 30%, 68%
HSV	23°, 24%, 78%
XYZ	42.7710, 42.1875, 34.7236
YIQ	174.9180, 23.6580, 0.7620

Conversions

Conversions Part 2

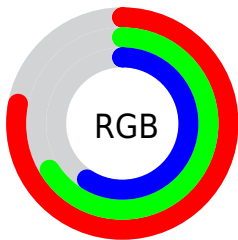
Format	Color
RYB	198, 179, 150
Decimal	13019286
CIELab	71.00, 8.15, 13.36
CIELCh	71, 15.650, 58.598
Yxy	42.1875, 0.3574, 0.3525
Android (android.graphics.Color)	4291209366 (0xFFC6A896)
YUV	174.9180, -12.2846, 20.2429
Hunter-Lab	64.9519, 3.8769, 13.7696

Details

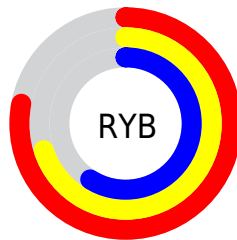
The CIELCh color $71, 15.650, 58.598$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $72, 13.935, 243.822$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 15.641, 58.659$, and $51, 15.898, 58.373$ is the 20% darker color. If you saturate the color by 10%, you get $67, 22.874, 57.760$, and if you desaturate by 10%, it is $75, 8.891, 59.484$.

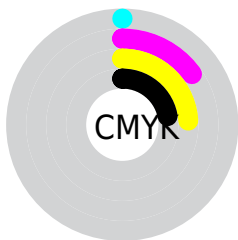
Distribution



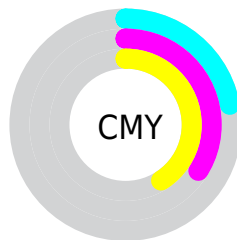
- Red (78%)
- Green (66%)
- Blue (59%)



- Red (78%)
- Yellow (70%)
- Blue (59%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (22%)



- Cyan (22%)
- Magenta (34%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 15.650, 58.598 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 71, 15.650, 58.598 by changing the saturation by 10% instead.

■ 71, 15.650, 58.598

■ 71, 15.650, 58.598

■ 100, 15.650,
58.598

■ 61, 15.650, 58.598

■ 91, 15.650, 58.598

■ 51, 15.650, 58.598

■ 41, 15.650, 58.598

■ 31, 15.650, 58.598

■ 21, 15.650, 58.598

■ 11, 15.650, 58.598

■ 1, 15.650, 58.598

■ 0, 15.650, 58.598

■ 71, 15.650, 58.598

■ 71, 15.650, 58.598

67, 22.874, 57.760

75, 8.891, 59.484

64, 30.586, 56.964

78, 2.562, 60.284

61, 38.774, 56.226

82, 3.379, 241.539

58, 47.354, 55.529

86, 8.977, 242.397

55, 56.105, 54.804

90, 14.271,
243.312

52, 64.518, 53.873

93, 15.740,
223.587

49, 71.605, 52.357

48, 75.103, 51.363

96, 18.570,
198.994

96, 18.724,
198.268

Harmonies

Complementary

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



71, 15.650, 58.598



72, 13.935, 243.822

Rectangle

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



71, 15.650, 58.598



71, 15.650, 108.598



71, 15.650, 238.598



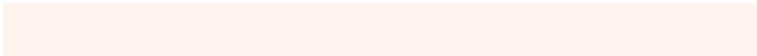
71, 15.650, 288.598

Sweetspot

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



71, 15.650, 58.608



97, 5.240, 60.090



67, 24.527, 338.961



51, 3.412, 60.042



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 15.650, 58.608



87, 23.401, 58.162



77, 22.276, 101.496



40, 3.496, 59.904



40, 64.768, 51.904



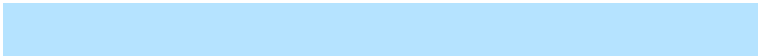
6, 13.212, 44.178

Inverse Universe

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



72, 13.935, 243.822



88, 20.255, 244.656



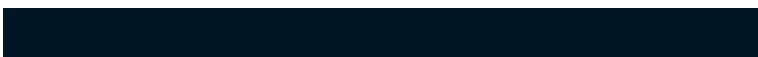
65, 23.162, 287.227



40, 3.358, 241.908



41, 39.878, 268.236



6, 12.150, 256.486

Previews

White Background



This preview shows how the CIELCh color 71, 15.650, 58.598 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 71, 15.650, 58.598 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 71, 15.650, 58.598

Background



This preview shows how black text looks on a background with the CIELCh color 71, 15.650, 58.598.



This preview shows how white text looks on a background with the CIELCh color 71, 15.650, 58.598.

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


71, 15.650, 58.598

Protanopia

71, 11.433, 90.948

Deuteranopia

71, 15.979, 55.366



Tritanopia
71, 15.769, 354.290

Trichromacy



Original Color
71, 15.650, 58.598

Protanomaly
71, 12.376, 75.954

Deuteranomaly
71, 15.979, 55.366

Tritanomaly
71, 13.671, 16.072

Monochromacy



Original Color
71, 15.650, 58.598

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 5.335, 57.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 15.650, 58.598 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, 168, 150)` looks like.

```
.text, #text, p{  
    color:rgb(198, 168, 150)  
}
```

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, 168, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 168, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 15.650, 58.598 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, 168, 150) }
```

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

```
.border{ border-color:rgb(198, 168, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 168, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 168, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 168, 150);  
box-shadow:4px 4px 4px 4px rgb(198, 168,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 15.650, 58.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 168, 150) }
```

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

```
.background{ background-color: rgb(198,  
168, 150) }
```

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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