

Converting Colors

CIELCh(71, 15.628, 61.823)

Have a look what the booklet for
CIELCh(71, 15.628, 61.823) contains.

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Color

CIELCh(71, 15.706, 60.958)

Conversions

Conversions Part 1

Format	Color
Hex	C5A895
RGB	197, 168, 149
RGB Percent	77%, 66%, 58%
CMY	0.2264, 0.3401, 0.4147
CMYK	0.00, 0.15, 0.24, 0.23
HSL	24°, 29%, 68%
HSV	24°, 24%, 77%
XYZ	42.5938, 42.1875, 34.4397
YIQ	174.5050, 23.3830, 0.2390

Conversions

Conversions Part 2

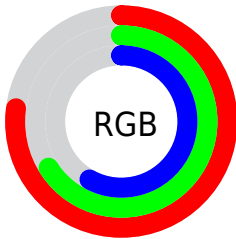
Format	Color
R _Y B	197, 180, 149
Decimal	12953749
CIE Lab	71.00, 7.62, 13.73
CIE LCh	71, 15.706, 60.958
Yxy	42.1875, 0.3573, 0.3539
Android (android.graphics.Color)	4291143829 (0xFFC5A895)
YUV	174.5050, -12.5740, 19.7281
Hunter-Lab	64.9519, 3.3900, 14.0288

Details

The CIELCh color $71, 15.706, 60.958$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $71, 14.092, 246.535$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 15.696, 60.915$, and $51, 15.955, 60.824$ is the 20% darker color. If you saturate the color by 10%, you get $68, 22.895, 60.032$, and if you desaturate by 10%, it is $75, 8.961, 61.922$.

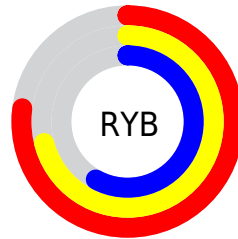
Distribution



Red (77%)

Green (66%)

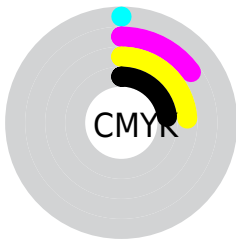
Blue (58%)



Red (77%)

Yellow (71%)

Blue (58%)

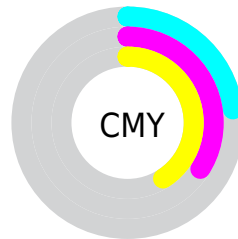


Cyan (0%)

Magenta (15%)

Yellow (24%)

Black (23%)



Cyan (23%)

Magenta (34%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 15.706, 60.958 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, 15.706, 60.958 by changing the saturation by 10% instead.

 71, 15.706, 60.958

 71, 15.706, 60.958

 100, 15.706,
60.958

 61, 15.706, 60.958

 91, 15.706, 60.958

 51, 15.706, 60.958

 41, 15.706, 60.958

 31, 15.706, 60.958

 21, 15.706, 60.958

 11, 15.706, 60.958

 1, 15.706, 60.958

 0, 15.706, 60.958

 71, 15.706, 60.958

 71, 15.706, 60.958

68, 22.895, 60.032

75, 8.961, 61.922

64, 30.546, 59.135

78, 2.626, 62.798

61, 38.642, 58.281

82, 3.340, 244.100

58, 47.098, 57.450

85, 8.976, 245.013

55, 55.683, 56.572

89, 14.321,
245.977

52, 63.882, 55.467

92, 15.759,
228.781

50, 70.724, 53.769

49, 74.049, 52.691

95, 17.868,
203.824

96, 18.930,
198.255

Harmonies

Complementary

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



71, 15.706, 60.958



71, 14.092, 246.535

Rectangle

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



71, 15.706, 60.958



71, 15.706, 110.958



71, 15.706, 240.958



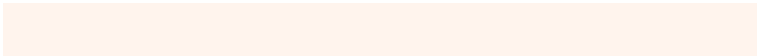
71, 15.706, 290.958

Sweetspot

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



71, 15.706, 60.967



97, 5.265, 62.588



67, 24.277, 339.757



51, 3.428, 62.535



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, 15.706, 60.967



87, 23.435, 60.486



77, 22.668, 102.378



40, 3.512, 62.386



40, 64.043, 53.235



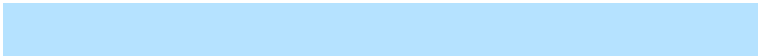
6, 13.133, 46.129

Inverse Universe

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



71, 14.092, 246.535



88, 20.491, 247.392



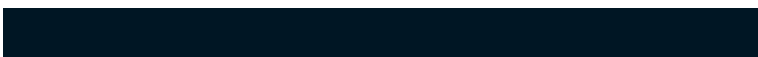
65, 23.635, 288.054



40, 3.383, 244.504



40, 41.541, 271.261



6, 12.427, 259.258

Previews

White Background



This preview shows how the CIELCh color 71, 15.706, 60.958 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, 15.706, 60.958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

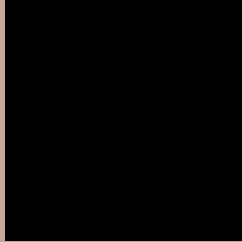
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 15.706, 60.958

Background



This preview shows how black text looks on a background with the CIELCh color 71, 15.706, 60.958.



This preview shows how white text looks on a background with the CIELCh color 71, 15.706, 60.958.

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, 15.706, 60.958

Protanopia

71, 11.952, 91.671

Deuteranopia

71, 16.329, 56.815



Tritanopia
71, 15.769, 354.290

Trichromacy



Original Color
71, 15.706, 60.958

Protanomaly
71, 12.843, 77.180

Deuteranomaly
71, 15.998, 57.683

Tritanomaly
71, 13.256, 18.221

Monochromacy



Original Color
71, 15.706, 60.958

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 5.399, 64.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 15.706, 60.958 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(197, 168, 149)` looks like.

```
.text, #text, p{  
    color:rgb(197, 168, 149)  
}
```

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(197, 168, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 168, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 15.706, 60.958 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(197, 168, 149) }
```

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

```
.border{ border-color:rgb(197, 168, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 168, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 168, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 168, 149);  
box-shadow:4px 4px 4px 4px rgb(197, 168,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 15.706, 60.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 168, 149) }
```

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

```
.background{ background-color: rgb(197,  
168, 149) }
```

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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