

Converting Colors

CIELCh(71, 12.361, 6.857)

Have a look what the booklet for
CIELCh(71, 12.361, 6.857) contains.

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Color

CIELCh(71, 12.248, 7.707)

Conversions

Conversions Part 1

Format	Color
Hex	C5A6AB
RGB	197, 166, 171
RGB Percent	77%, 65%, 67%
CMY	0.2267, 0.3482, 0.3286
CMYK	0.00, 0.16, 0.13, 0.23
HSL	350°, 21%, 71%
HSV	350°, 16%, 77%
XYZ	44.1188, 42.1875, 44.4425
YIQ	175.8390, 16.8710, 8.1270

Conversions

Conversions Part 2

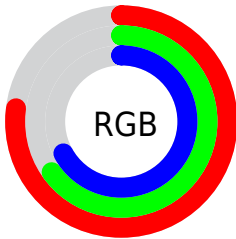
Format	Color
R _Y B	197, 166, 171
Decimal	12953259
CIE Lab	71.00, 12.14, 1.64
CIE LCh	71, 12.248, 7.707
Yxy	42.1875, 0.3374, 0.3227
Android (android.graphics.Color)	4291143339 (0xFFC5A6AB)
YUV	175.8390, -2.3856, 18.5582
Hunter-Lab	64.9519, 7.5809, 4.8979

Details

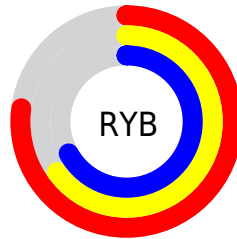
The CIELCh color **71, 12.248, 7.707** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **77, 11.421, 184.949**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.310, 8.186**, and **51, 12.322, 7.320** is the 20% darker color. If you saturate the color by 10%, you get **66, 20.581, 8.926**, and if you desaturate by 10%, it is **76, 4.332, 6.640**.

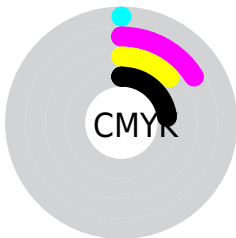
Distribution



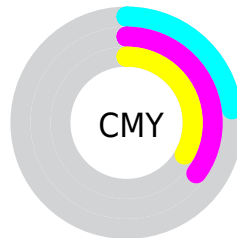
- Red (77%)
- Green (65%)
- Blue (67%)



- Red (77%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (16%)
- Yellow (13%)
- Black (23%)



- Cyan (23%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 12.248, 7.707 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, 12.248, 7.707 by changing the saturation by 10% instead.

71, 12.248, 7.707

71, 12.248, 7.707

100, 12.248, 7.707

61, 12.248, 7.707

91, 12.248, 7.707

51, 12.248, 7.707

41, 12.248, 7.707

31, 12.248, 7.707

21, 12.248, 7.707

11, 12.248, 7.707

1, 12.248, 7.707

0, 12.248, 7.707

71, 12.248, 7.707

71, 12.248, 7.707

66, 20.581, 8.926

76, 4.332, 6.640

61, 29.263, 10.391

82, 3.138, 186.077

56, 38.144, 12.205

88, 10.172,
185.234

52, 46.994, 14.487

93, 16.796,
184.577

48, 55.503, 17.378

45, 63.353, 21.014

96, 19.015,
196.540

43, 70.321, 25.438

96, 18.951,
198.254

42, 76.334, 30.443

41, 78.774, 32.463

Harmonies

Complementary

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



71, 12.248, 7.707



77, 11.421, 184.949

Rectangle

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



71, 12.248, 7.707



71, 12.248, 57.707



71, 12.248, 187.707



71, 12.248, 237.707

Sweetspot

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



71, 12.246, 7.714



97, 4.655, 6.566



71, 19.424, 320.500



51, 3.182, 6.648



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, 12.246, 7.714



87, 18.414, 8.123



73, 9.814, 54.436



39, 4.369, 7.033



34, 67.933, 31.688



3, 16.084, 11.110

Inverse Universe

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



71, 12.246, 7.714



87, 18.414, 8.123



75, 9.049, 237.243



39, 4.369, 7.033



34, 67.933, 31.688



3, 16.084, 11.110

Previews

White Background



This preview shows how the CIELCh color 71, 12.248, 7.707 looks on a white background.

Color Contrast Check

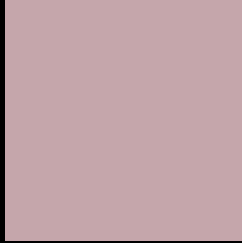
Large Text (above 18pt) WCAG AA × Fail

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, 12.248, 7.707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

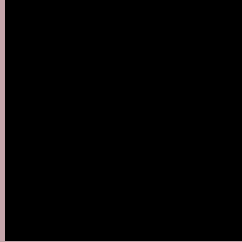
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 12.248, 7.707

Background



This preview shows how black text looks on a background with the CIELCh color 71, 12.248, 7.707.



This preview shows how white text looks on a background with the CIELCh color 71, 12.248, 7.707.

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, 12.248, 7.707

Protanopia

71, 1.871, 343.634

Deuteranopia

71, 9.362, 10.185



Tritanopia

71, 14.394, 351.339

Trichromacy



Original Color
71, 12.248, 7.707

Protanomaly
71, 5.203, 1.497

Deuteranomaly
71, 10.609, 8.524

Tritanomaly
71, 13.935, 355.298

Monochromacy



Original Color
71, 12.248, 7.707

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 4.685, 6.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 12.248, 7.707 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, 166, 171)` looks like.

```
.text, #text, p{  
    color:rgb(197, 166, 171)  
}
```

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, 166, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 166, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 12.248, 7.707 is called "border". The border property can be set on classes, ids or directly on the HTML element.

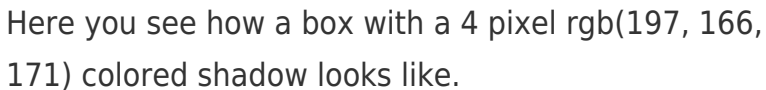
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 166, 171) }
```

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

```
.border{ border-color:rgb(197, 166, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 166, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 166, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 166, 171);  
box-shadow:4px 4px 4px 4px rgb(197, 166,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 12.248, 7.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 166, 171) }
```

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

```
.background{ background-color: rgb(197,  
166, 171) }
```

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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