

Converting Colors

CIELCh(71, 5.884, 95.648)

Have a look what the booklet for
CIELCh(71, 5.884, 95.648) contains.

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Color

CIELCh(71, 6.081, 98.616)

Conversions

Conversions Part 1

Format	Color
Hex	B1AEA3
RGB	177, 174, 163
RGB Percent	69%, 68%, 64%
CMY	0.3064, 0.3182, 0.3613
CMYK	0.00, 0.02, 0.08, 0.31
HSL	47°, 8%, 67%
HSV	47°, 8%, 69%
XYZ	39.8064, 42.1875, 40.6299
YIQ	173.6430, 5.3190, -2.7850

Conversions

Conversions Part 2

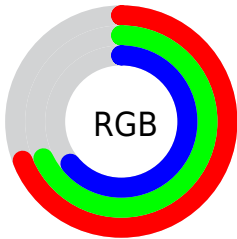
Format	Color
RYB	167, 177, 163
Decimal	11644579
CIELab	71.00, -0.91, 6.01
CIELCh	71, 6.081, 98.616
Yxy	42.1875, 0.3246, 0.3440
Android (android.graphics.Color)	4289834659 (0xFFB1AEA3)
YUV	173.6430, -5.2470, 2.9441
Hunter-Lab	64.9519, -4.2703, 8.3782

Details

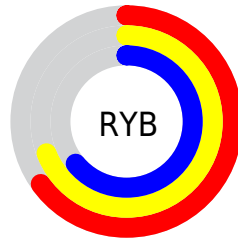
The CIELCh color **71, 6.081, 98.616** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 6.140, 280.503**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 5.850, 95.292**, and **51, 6.427, 101.933** is the 20% darker color. If you saturate the color by 10%, you get **70, 13.838, 97.485**, and if you desaturate by 10%, it is **72, 1.606, 279.872**.

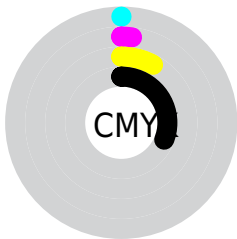
Distribution



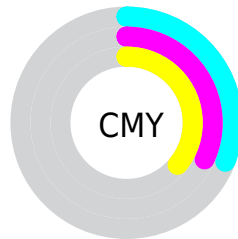
- Red (69%)
- Green (68%)
- Blue (64%)



- Red (65%)
- Yellow (69%)
- Blue (64%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (31%)



- Cyan (31%)
- Magenta (32%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 6.081, 98.616 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, 6.081, 98.616 by changing the saturation by 10% instead.

■ 71, 6.081, 98.616

■ 71, 6.081, 98.616

■ 100, 6.081, 98.616

■ 61, 6.081, 98.616

■ 91, 6.081, 98.616

■ 51, 6.081, 98.616

■ 41, 6.081, 98.616

■ 31, 6.081, 98.616

■ 21, 6.081, 98.616

■ 11, 6.081, 98.616

■ 1, 6.081, 98.616

■ 0, 6.081, 98.616

■ 71, 6.081, 98.616

■ 71, 6.081, 98.616

70, 13.838, 97.485

72, 1.606, 279.872

68, 21.633, 96.295

74, 9.213, 280.874

67, 29.419, 95.077

75, 16.735,
281.900

66, 37.100, 93.836

77, 24.171,
282.883

64, 44.517, 92.576

63, 51.394, 91.295

79, 31.522,
283.818

62, 57.302, 89.973

80, 31.541,
281.661

61, 61.664, 88.567

60, 64.115, 87.024

81, 29.711,
278.376

82, 27.988,
274.700

83, 26.393,
270.589

Harmonies

Complementary

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



71, 6.081, 98.616



68, 6.140, 280.503

Rectangle

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



71, 6.081, 98.616



71, 6.081, 148.616



71, 6.081, 278.616



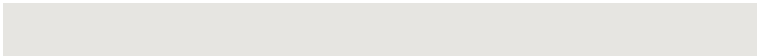
71, 6.081, 328.616

Sweetspot

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



71, 6.082, 98.631



91, 1.887, 99.224



68, 5.623, 2.636



48, 1.071, 99.231



96, 0.011, 296.813



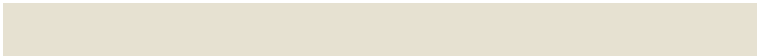
48, 0.006, 296.813

Same Dimension

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



71, 6.082, 98.631



90, 8.555, 98.493



71, 7.760, 120.723



37, 4.389, 98.473



52, 58.083, 86.916



6, 9.681, 93.697

Inverse Universe

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



68, 6.140, 280.503



85, 8.643, 280.656



68, 7.888, 301.642



35, 4.434, 280.678



21, 77.661, 301.559



2, 11.198, 282.413

Previews

White Background



This preview shows how the CIELCh color 71, 6.081, 98.616 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, 6.081, 98.616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

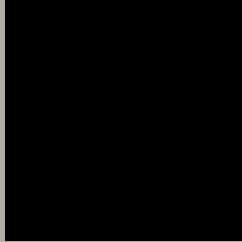
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

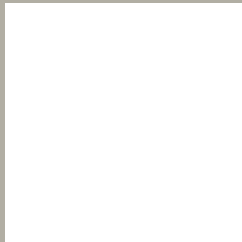
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 6.081, 98.616

Background



This preview shows how black text looks on a background with the CIELCh color 71, 6.081, 98.616.

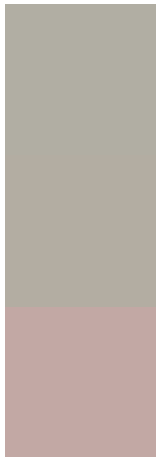


This preview shows how white text looks on a background with the CIELCh color 71, 6.081, 98.616.

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, 6.081, 98.616

Protanopia

71, 6.404, 88.317

Deuteranopia

71, 10.392, 32.242



Tritanopia
71, 7.882, 315.759

Trichromacy



Original Color
71, 6.081, 98.616

Protanomaly
71, 6.276, 91.634

Deuteranomaly
71, 7.718, 44.830

Tritanomaly
71, 3.439, 340.187

Monochromacy



Original Color
71, 6.081, 98.616

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.199, 100.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 6.081, 98.616 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(177, 174, 163)` looks like.

```
.text, #text, p{  
    color:rgb(177, 174, 163)  
}
```

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(177, 174, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 174, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 6.081, 98.616 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(177, 174, 163) }
```

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

```
.border{ border-color:rgb(177, 174, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 174, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 174, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 174, 163);  
box-shadow:4px 4px 4px 4px rgb(177, 174,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 6.081, 98.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 174, 163) }
```

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

```
.background{ background-color: rgb(177,  
174, 163) }
```

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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