

Converting Colors

CIELCh(71, 16.106, 94.910)

Have a look what the booklet for
CIELCh(71, 16.106, 94.910) contains.

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Color

CIELCh(71, 16.141, 95.649)

Conversions

Conversions Part 1

Format	Color
Hex	B7AE91
RGB	183, 174, 145
RGB Percent	72%, 68%, 57%
CMY	0.2838, 0.3191, 0.4327
CMYK	0.00, 0.05, 0.21, 0.28
HSL	46°, 21%, 64%
HSV	46°, 21%, 72%
XYZ	39.5904, 42.1875, 32.7021
YIQ	173.3850, 14.6730, -7.1110

Conversions

Conversions Part 2

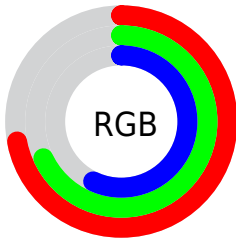
Format	Color
RYB	157, 183, 145
Decimal	12037777
CIELab	71.00, -1.59, 16.06
CIElCh	71, 16.141, 95.649
Yxy	42.1875, 0.3458, 0.3685
Android (android.graphics.Color)	4290227857 (0xFFB7AE91)
YUV	173.3850, -13.9938, 8.4324
Hunter-Lab	64.9519, -4.8639, 15.6149

Details

The CIELCh color **71, 16.141, 95.649** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 16.408, 280.882**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 15.918, 95.210**, and **51, 16.554, 95.874** is the 20% darker color. If you saturate the color by 10%, you get **69, 23.999, 94.429**, and if you desaturate by 10%, it is **73, 8.334, 96.842**.

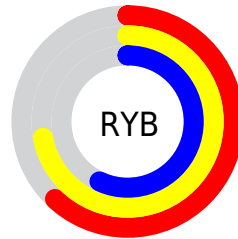
Distribution



Red (72%)

Green (68%)

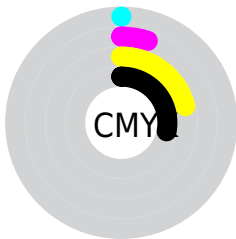
Blue (57%)



Red (62%)

Yellow (72%)

Blue (57%)

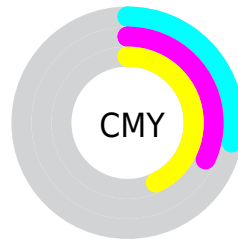


Cyan (0%)

Magenta (5%)

Yellow (21%)

Black (28%)



Cyan (28%)

Magenta (32%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 16.141, 95.649 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, 16.141, 95.649 by changing the saturation by 10% instead.

■ 71, 16.141, 95.649

■ 71, 16.141, 95.649

■ 100, 16.141,
95.649

■ 61, 16.141, 95.649

■ 91, 16.141, 95.649

■ 51, 16.141, 95.649

■ 41, 16.141, 95.649

■ 31, 16.141, 95.649

■ 21, 16.141, 95.649

■ 11, 16.141, 95.649

■ 1, 16.141, 95.649

■ 0, 16.141, 95.649

■ 71, 16.141, 95.649

■ 71, 16.141, 95.649

69, 23.999, 94.429

73, 8.334, 96.842

68, 31.848, 93.171

74, 0.604, 97.743

67, 39.581, 91.887

76, 7.034, 279.156

65, 47.011, 90.575

77, 14.576,
280.211

64, 53.820, 89.223

79, 22.022,
281.225

63, 59.515, 87.797

62, 63.462, 86.229

81, 29.374,
282.190

60, 65.540, 84.639

82, 27.683,
278.434

83, 25.742,
273.898

84, 23.984,
268.700

Harmonies

Complementary

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



71, 16.141, 95.649



64, 16.408, 280.882

Rectangle

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



71, 16.141, 95.649



71, 16.141, 145.649



71, 16.141, 275.649



71, 16.141, 325.649

Sweetspot

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



71, 16.142, 95.656



93, 5.707, 97.376



64, 15.824, 1.627



50, 3.818, 97.304



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 16.142, 95.656



89, 24.043, 95.094



73, 20.791, 118.620



38, 4.387, 97.010



52, 58.275, 84.901



7, 10.810, 90.764

Inverse Universe

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



64, 16.408, 280.882



78, 24.536, 281.623



62, 21.687, 301.357



36, 4.425, 279.266



23, 76.574, 300.741



2, 12.780, 282.093

Previews

White Background



This preview shows how the CIELCh color 71, 16.141, 95.649 looks on a white background.

Color Contrast Check

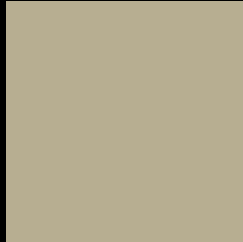
Large Text (above 18pt) WCAG AA × Fail

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, 16.141, 95.649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

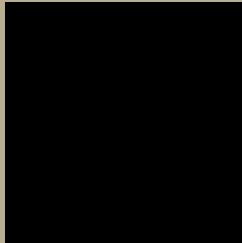
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

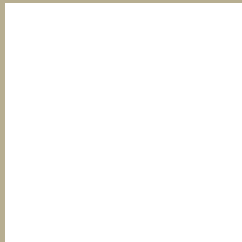
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 16.141, 95.649

Background



This preview shows how black text looks on a background with the CIELCh color 71, 16.141, 95.649.



This preview shows how white text looks on a background with the CIELCh color 71, 16.141, 95.649.

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, 16.141, 95.649

Protanopia

71, 15.729, 93.837

Deuteranopia

71, 17.759, 59.925



Tritanopia
71, 10.472, 333.472

Trichromacy



Original Color
71, 16.141, 95.649

Protanomaly
71, 15.729, 93.837

Deuteranomaly
71, 16.176, 70.154

Tritanomaly
71, 5.860, 30.490

Monochromacy



Original Color
71, 16.141, 95.649

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 5.643, 93.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 16.141, 95.649 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(183, 174, 145)` looks like.

```
.text, #text, p{  
    color:rgb(183, 174, 145)  
}
```

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(183, 174, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 174, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 16.141, 95.649 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(183, 174, 145) }
```

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

```
.border{ border-color:rgb(183, 174, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 174, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 174, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 174, 145);  
box-shadow:4px 4px 4px 4px rgb(183, 174,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 16.141, 95.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 174, 145) }
```

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

```
.background{ background-color: rgb(183,  
174, 145) }
```

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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