

Converting Colors

CIELCh(71, 11.060, 0.780)

Have a look what the booklet for
CIELCh(71, 11.060, 0.780) contains.

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Color

CIELCh(71, 11.002, 0.165)

Conversions

Conversions Part 1

Format	Color
Hex	C2A7AE
RGB	194, 167, 174
RGB Percent	76%, 65%, 68%
CMY	0.2390, 0.3449, 0.3175
CMYK	0.00, 0.14, 0.10, 0.24
HSL	344°, 18%, 71%
HSV	344°, 14%, 76%
XYZ	43.7318, 42.1875, 45.9059
YIQ	175.8710, 13.8450, 7.9010

Conversions

Conversions Part 2

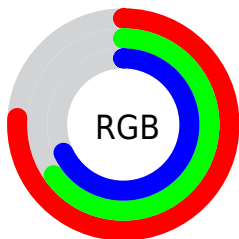
Format	Color
RYB	194, 167, 174
Decimal	12756910
CIELab	71.00, 11.00, 0.03
CIELCh	71, 11.002, 0.165
Yxy	42.1875, 0.3317, 0.3200
Android (android.graphics.Color)	4290946990 (0xFFC2A7AE)
YUV	175.8710, -0.9224, 15.8991
Hunter-Lab	64.9519, 6.5172, 3.5621

Details

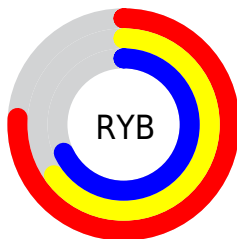
The CIELCh color $71, 11.002, 0.165$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $76, 10.510, 177.613$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 11.121, 1.225$, and $51, 10.993, 359.074$ is the 20% darker color. If you saturate the color by 10%, you get $66, 19.301, 1.362$, and if you desaturate by 10%, it is $76, 3.026, 359.052$.

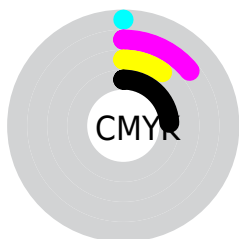
Distribution



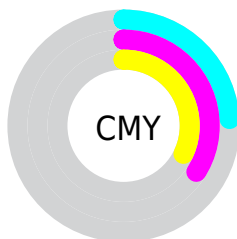
- Red (76%)
- Green (65%)
- Blue (68%)



- Red (76%)
- Yellow (65%)
- Blue (68%)



- Cyan (0%)
- Magenta (14%)
- Yellow (10%)
- Black (24%)



- Cyan (24%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 11.002, 0.165 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, 11.002, 0.165 by changing the saturation by 10% instead.

 71, 11.002, 0.165

 71, 11.002, 0.165

 100, 11.002, 0.165

 61, 11.002, 0.165

 91, 11.002, 0.165

 51, 11.002, 0.165

 41, 11.002, 0.165

 31, 11.002, 0.165

 21, 11.002, 0.165

 11, 11.002, 0.165

 1, 11.002, 0.165

 0, 11.002, 0.165

 71, 11.002, 0.165

 71, 11.002, 0.165

66, 19.301, 1.362

76, 3.026, 359.052

61, 27.837, 2.761

82, 4.582, 178.442

56, 36.444, 4.451

87, 11.817,
177.606

52, 44.867, 6.539

93, 18.692,
176.903

48, 52.771, 9.160

45, 59.792, 12.477

96, 20.889,
185.177

43, 65.670, 16.638

96, 19.899,
198.194

41, 70.402, 21.676

41, 73.054, 24.912

Harmonies

Complementary

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



71, 11.002, 0.165



76, 10.510, 177.613

Rectangle

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



71, 11.002, 0.165



71, 11.002, 50.165



71, 11.002, 180.165



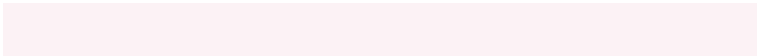
71, 11.002, 230.165

Sweetspot

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



71, 11.000, 0.171



96, 3.831, 359.072



71, 16.494, 317.357



51, 2.749, 359.169



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, 11.000, 0.171



88, 16.763, 0.552



72, 8.732, 42.895



38, 4.432, 359.675



33, 63.144, 24.034



3, 14.467, 5.550

Inverse Universe

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



71, 11.000, 0.171



88, 16.763, 0.552



75, 8.017, 224.137



38, 4.432, 359.675



33, 63.144, 24.034



3, 14.467, 5.550

Previews

White Background



This preview shows how the CIELCh color 71, 11.002, 0.165 looks on a white background.

Color Contrast Check

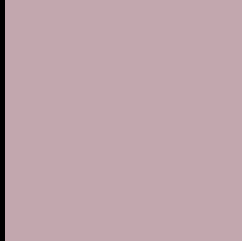
Large Text (above 18pt) WCAG AA × Fail

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, 11.002, 0.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

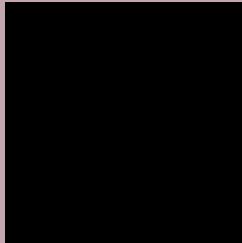
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 11.002, 0.165

Background



This preview shows how black text looks on a background with the CIELCh color 71, 11.002, 0.165.



This preview shows how white text looks on a background with the CIELCh color 71, 11.002, 0.165.

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, 11.002, 0.165

Protanopia

71, 2.473, 317.317

Deuteranopia

71, 9.367, 359.840



Tritanopia
71, 13.070, 347.837

Trichromacy



Original Color
71, 11.002, 0.165

Protanomaly
71, 5.304, 348.897

Deuteranomaly
71, 9.730, 0.678

Tritanomaly
71, 12.548, 352.077

Monochromacy



Original Color
71, 11.002, 0.165

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 3.942, 3.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 11.002, 0.165 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(194, 167, 174)` looks like.

```
.text, #text, p{  
    color:rgb(194, 167, 174)  
}
```

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(194, 167, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 167, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 11.002, 0.165 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(194, 167, 174) }
```

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

```
.border{ border-color:rgb(194, 167, 174) }
```

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

Here you see how a box with a 4 pixel rgb(194, 167, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 167, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 167, 174);  
box-shadow:4px 4px 4px 4px rgb(194, 167,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 11.002, 0.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 167, 174) }
```

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

```
.background{ background-color: rgb(194,  
167, 174) }
```

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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