

Converting Colors

CIELCh(71, 10.979, 39.171)

Have a look what the booklet for
CIELCh(71, 10.979, 39.171) contains.

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Color

CIELCh(71, 11.105, 37.233)

Conversions

Conversions Part 1

Format	Color
Hex	C3A8A2
RGB	195, 168, 162
RGB Percent	76%, 66%, 64%
CMY	0.2355, 0.3414, 0.3649
CMYK	0.00, 0.14, 0.17, 0.24
HSL	11°, 22%, 70%
HSV	11°, 17%, 76%
XYZ	43.0016, 42.1875, 40.0345
YIQ	175.3890, 18.0180, 3.8580

Conversions

Conversions Part 2

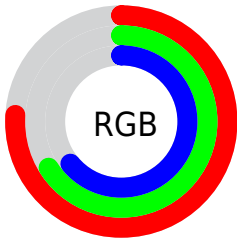
Format	Color
RYB	195, 169, 162
Decimal	12822690
CIELab	71.00, 8.84, 6.72
CIElCh	71, 11.105, 37.233
Yxy	42.1875, 0.3434, 0.3369
Android (android.graphics.Color)	4291012770 (0xFFC3A8A2)
YUV	175.3890, -6.6008, 17.1988
Hunter-Lab	64.9519, 4.5106, 8.9217

Details

The CIELCh color **71, 11.105, 37.233** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **75, 9.941, 217.875**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 11.168, 36.117**, and **51, 11.202, 38.487** is the 20% darker color. If you saturate the color by 10%, you get **67, 18.415, 37.359**, and if you desaturate by 10%, it is **76, 4.361, 37.202**.

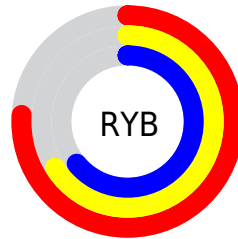
Distribution



Red (76%)

Green (66%)

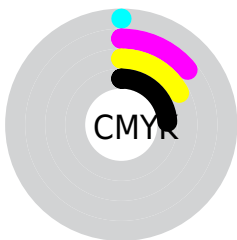
Blue (64%)



Red (76%)

Yellow (66%)

Blue (64%)

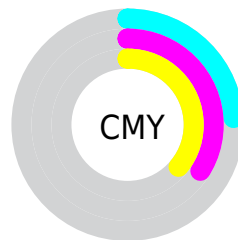


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (24%)



Cyan (24%)

Magenta (34%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 11.105, 37.233 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, 11.105, 37.233 by changing the saturation by 10% instead.

■ 71, 11.105, 37.233

■ 71, 11.105, 37.233

■ 100, 11.105,
37.233

■ 61, 11.105, 37.233

■ 91, 11.105, 37.233

■ 51, 11.105, 37.233

■ 41, 11.105, 37.233

■ 31, 11.105, 37.233

■ 21, 11.105, 37.233

■ 11, 11.105, 37.233

■ 1, 11.105, 37.233

■ 0, 11.105, 37.233

■ 71, 11.105, 37.233

■ 71, 11.105, 37.233

67, 18.415, 37.359

76, 4.361, 37.202

62, 26.327, 37.629

80, 1.862, 217.743

58, 34.844, 38.101

85, 7.615, 217.725

54, 43.924, 38.815

90, 12.953,
217.948

51, 53.439, 39.787

94, 17.516,
210.858

48, 63.101, 40.958

45, 72.271, 42.082

96, 19.630,
198.211

43, 79.684, 42.612

42, 81.771, 42.888

Harmonies

Complementary

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



71, 11.105, 37.233



75, 9.941, 217.875

Rectangle

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



71, 11.105, 37.233



71, 11.105, 87.233



71, 11.105, 217.233



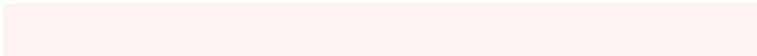
71, 11.105, 267.233

Sweetspot

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



71, 11.104, 37.245



96, 3.853, 37.174



70, 19.395, 330.405



51, 2.658, 37.188



0, 0.000, 0.000



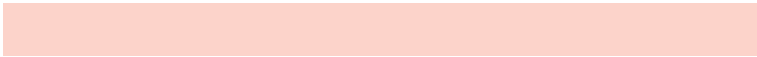
53, 0.007, 296.813

Same Dimension

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



71, 11.104, 37.245



88, 16.413, 37.269



75, 12.578, 88.993



38, 3.587, 37.217



35, 70.458, 43.162



4, 12.533, 30.592

Inverse Universe

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



75, 9.941, 217.875



93, 14.341, 218.000



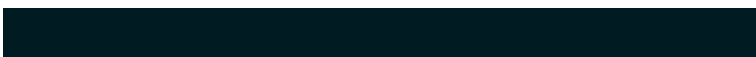
71, 12.537, 273.473



40, 3.383, 217.681



51, 30.878, 231.199



8, 10.470, 223.939

Previews

White Background



This preview shows how the CIELCh color 71, 11.105, 37.233 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, 11.105, 37.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

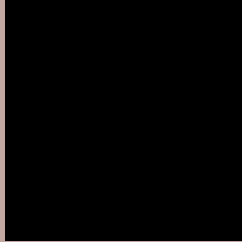
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 11.105, 37.233

Background



This preview shows how black text looks on a background with the CIELCh color 71, 11.105, 37.233.



This preview shows how white text looks on a background with the CIELCh color 71, 11.105, 37.233.

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, 11.105, 37.233

Protanopia

71, 4.909, 81.706

Deuteranopia

71, 11.105, 37.233



Tritanopia
71, 14.062, 350.522

Trichromacy



Original Color
71, 11.105, 37.233

Protanomaly
71, 6.621, 54.748

Deuteranomaly
71, 11.105, 37.233

Tritanomaly
71, 11.978, 4.703

Monochromacy



Original Color
71, 11.105, 37.233

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.958, 35.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 11.105, 37.233 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(195, 168, 162)` looks like.

```
.text, #text, p{  
    color:rgb(195, 168, 162)  
}
```

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(195, 168, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 168, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 11.105, 37.233 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(195, 168, 162) }
```

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

```
.border{ border-color:rgb(195, 168, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 168, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 168, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 168, 162);  
box-shadow:4px 4px 4px 4px rgb(195, 168,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 11.105, 37.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 168, 162) }
```

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

```
.background{ background-color: rgb(195,  
168, 162) }
```

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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