

Converting Colors

CIELCh(71, 13.305, 56.007)

Have a look what the booklet for
CIELCh(71, 13.305, 56.007) contains.

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Color

CIELCh(71, 13.251, 57.824)

Conversions

Conversions Part 1

Format	Color
Hex	C3A99A
RGB	195, 169, 154
RGB Percent	76%, 66%, 60%
CMY	0.2362, 0.3381, 0.3970
CMYK	0.00, 0.13, 0.21, 0.24
HSL	22°, 25%, 68%
HSV	22°, 21%, 76%
XYZ	42.4044, 42.1875, 36.3823
YIQ	175.0640, 20.3110, 0.8470

Conversions

Conversions Part 2

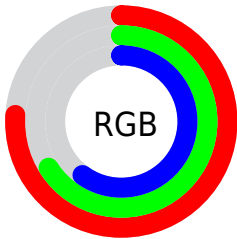
Format	Color
RYB	195, 178, 154
Decimal	12822938
CIELab	71.00, 7.06, 11.22
CIElCh	71, 13.251, 57.824
Yxy	42.1875, 0.3505, 0.3487
Android (android.graphics.Color)	4291013018 (0xFFC3A99A)
YUV	175.0640, -10.3846, 17.4839
Hunter-Lab	64.9519, 2.8694, 12.2555

Details

The CIELCh color $71, 13.251, 57.824$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $72, 11.966, 242.162$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 13.397, 57.842$, and $51, 13.277, 57.680$ is the 20% darker color. If you saturate the color by 10%, you get $67, 20.237, 57.016$, and if you desaturate by 10%, it is $75, 6.722, 58.675$.

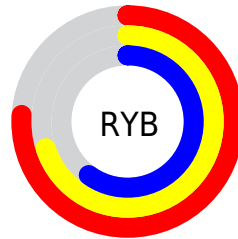
Distribution



Red (76%)

Green (66%)

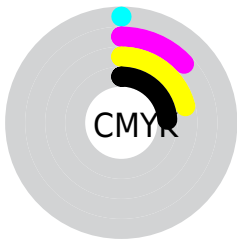
Blue (60%)



Red (76%)

Yellow (70%)

Blue (60%)

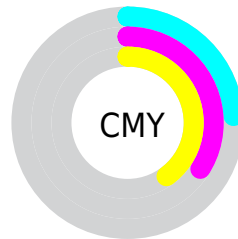


Cyan (0%)

Magenta (13%)

Yellow (21%)

Black (24%)



Cyan (24%)

Magenta (34%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 13.251, 57.824 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, 13.251, 57.824 by changing the saturation by 10% instead.

■ 71, 13.251, 57.824

■ 71, 13.251, 57.824

■ 100, 13.251,
57.824

■ 61, 13.251, 57.824

■ 91, 13.251, 57.824

■ 51, 13.251, 57.824

■ 41, 13.251, 57.824

■ 31, 13.251, 57.824

■ 21, 13.251, 57.824

■ 11, 13.251, 57.824

■ 1, 13.251, 57.824

■ 0, 13.251, 57.824

■ 71, 13.251, 57.824

■ 71, 13.251, 57.824

67, 20.237, 57.016

75, 6.722, 58.675

64, 27.710, 56.247

78, 0.611, 58.894

61, 35.671, 55.543

82, 5.126, 240.647

57, 44.069, 54.896

86, 10.530,
241.516

54, 52.743, 54.262

90, 15.642,
242.409

52, 61.308, 53.507

93, 16.709,
220.640

49, 68.958, 52.324

47, 74.547, 50.851

96, 19.685,
198.207

Harmonies

Complementary

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



71, 13.251, 57.824



72, 11.966, 242.162

Rectangle

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



71, 13.251, 57.824



71, 13.251, 107.824



71, 13.251, 237.824



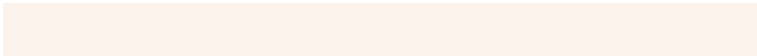
71, 13.251, 287.824

Sweetspot

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



71, 13.251, 57.835



96, 4.433, 59.061



68, 21.225, 337.928



52, 2.971, 59.014



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, 13.251, 57.835



88, 19.726, 57.474



76, 18.768, 100.936



39, 3.417, 58.812



39, 64.313, 51.392



5, 11.636, 44.543

Inverse Universe

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



72, 11.966, 242.162



89, 17.396, 242.792



66, 19.358, 285.896



39, 3.278, 240.756



41, 38.699, 266.774



6, 11.139, 254.983

Previews

White Background



This preview shows how the CIELCh color 71, 13.251, 57.824 looks on a white background.

Color Contrast Check

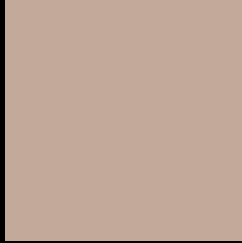
Large Text (above 18pt) WCAG AA × Fail

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, 13.251, 57.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

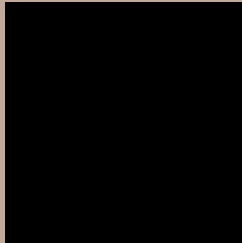
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 13.251, 57.824

Background



This preview shows how black text looks on a background with the CIELCh color 71, 13.251, 57.824.



This preview shows how white text looks on a background with the CIELCh color 71, 13.251, 57.824.

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, 13.251, 57.824

Protanopia

71, 9.753, 90.459

Deuteranopia

71, 14.277, 52.241



Tritanopia
71, 14.394, 351.339

Trichromacy



Original Color
71, 13.251, 57.824

Protanomaly
71, 10.541, 75.062

Deuteranomaly
71, 13.930, 53.116

Tritanomaly
71, 12.105, 12.751

Monochromacy



Original Color
71, 13.251, 57.824

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.736, 62.981

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 13.251, 57.824 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, 169, 154)` looks like.

```
.text, #text, p{  
    color:rgb(195, 169, 154)  
}
```

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, 169, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 169, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 13.251, 57.824 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, 169, 154) }
```

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

```
.border{ border-color:rgb(195, 169, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 169, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 169, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 169, 154);  
box-shadow:4px 4px 4px 4px rgb(195, 169,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 13.251, 57.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 169, 154) }
```

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

```
.background{ background-color: rgb(195,  
169, 154) }
```

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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