

Converting Colors

CIELCh(71, 13.772, 35.744)

Have a look what the booklet for
CIELCh(71, 13.772, 35.744) contains.

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Color

CIELCh(71, 13.868, 34.021)

Conversions

Conversions Part 1

Format	Color
Hex	C8A6A0
RGB	200, 166, 160
RGB Percent	78%, 65%, 63%
CMY	0.2150, 0.3483, 0.3718
CMYK	0.00, 0.17, 0.20, 0.21
HSL	9°, 27%, 71%
HSV	9°, 20%, 79%
XYZ	43.8993, 42.1875, 39.1691
YIQ	175.4820, 22.1900, 5.3420

Conversions

Conversions Part 2

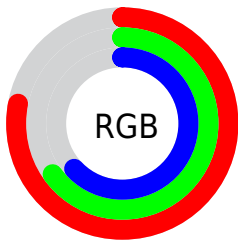
Format	Color
R _Y B	200, 167, 160
Decimal	13149856
CIE Lab	71.00, 11.49, 7.76
CIE LCh	71, 13.868, 34.021
Yxy	42.1875, 0.3505, 0.3368
Android (android.graphics.Color)	4291339936 (0xFFC8A6A0)
YUV	175.4820, -7.6326, 21.5023
Hunter-Lab	64.9519, 6.9776, 9.7116

Details

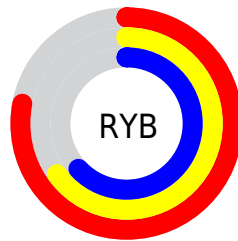
The CIELCh color **71, 13.868, 34.021** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 12.120, 214.126**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.024, 33.926**, and **51, 14.022, 32.735** is the 20% darker color. If you saturate the color by 10%, you get **66, 21.693, 34.365**, and if you desaturate by 10%, it is **76, 6.646, 33.824**.

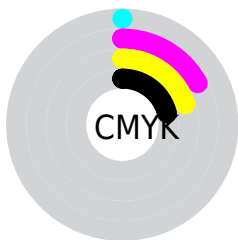
Distribution



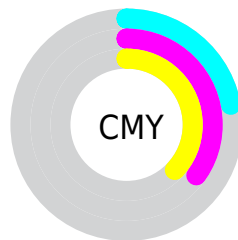
- Red (78%)
- Green (65%)
- Blue (63%)



- Red (78%)
- Yellow (65%)
- Blue (63%)



- Cyan (0%)
- Magenta (17%)
- Yellow (20%)
- Black (21%)



- Cyan (22%)
- Magenta (35%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 13.868, 34.021 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, 13.868, 34.021 by changing the saturation by 10% instead.

■ 71, 13.868, 34.021

■ 71, 13.868, 34.021

■ 100, 13.868,
34.021

■ 61, 13.868, 34.021

■ 91, 13.868, 34.021

■ 51, 13.868, 34.021

■ 41, 13.868, 34.021

■ 31, 13.868, 34.021

■ 21, 13.868, 34.021

■ 11, 13.868, 34.021

■ 1, 13.868, 34.021

■ 0, 13.868, 34.021

■ 71, 13.868, 34.021

■ 71, 13.868, 34.021

66, 21.693, 34.365

76, 6.646, 33.824

62, 30.144, 34.895

81, 0.014, 255.706

58, 39.201, 35.674

86, 6.156, 213.998

54, 48.781, 36.747

91, 11.843,
214.066

50, 58.698, 38.123

95, 16.858,
204.983

47, 68.559, 39.704

45, 77.505, 41.128

96, 18.044,
198.311

43, 84.403, 42.051

43, 84.414, 42.053

Harmonies

Complementary

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



71, 13.868, 34.021



76, 12.120, 214.126

Rectangle

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



71, 13.868, 34.021



71, 13.868, 84.021



71, 13.868, 214.021



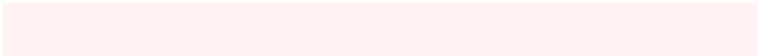
71, 13.868, 264.021

Sweetspot

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



71, 13.867, 34.030



96, 4.783, 33.739



70, 23.694, 330.034



51, 3.181, 33.757



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, 13.867, 34.030



86, 20.640, 34.156



76, 14.996, 87.222



39, 3.745, 33.812



35, 72.154, 42.280



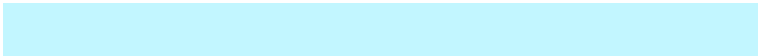
4, 14.531, 27.954

Inverse Universe

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



76, 12.120, 214.126



94, 17.458, 214.237



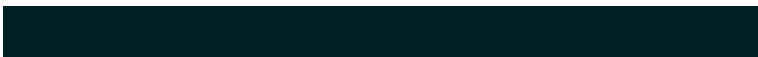
71, 14.872, 272.634



41, 3.528, 213.998



53, 31.221, 224.382



10, 11.400, 217.601

Previews

White Background



This preview shows how the CIELCh color 71, 13.868, 34.021 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, 13.868, 34.021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

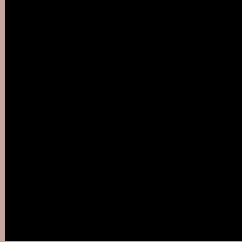
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 13.868, 34.021

Background



This preview shows how black text looks on a background with the CIELCh color 71, 13.868, 34.021.



This preview shows how white text looks on a background with the CIELCh color 71, 13.868, 34.021.

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, 13.868, 34.021

Protanopia

71, 5.399, 84.326

Deuteranopia

71, 11.898, 41.574



Tritanopia
71, 15.911, 356.740

Trichromacy



Original Color
71, 13.868, 34.021

Protanomaly
71, 7.592, 54.643

Deuteranomaly
71, 12.853, 37.498

Tritanomaly
71, 14.191, 9.690

Monochromacy



Original Color
71, 13.868, 34.021

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 5.085, 32.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 13.868, 34.021 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(200, 166, 160)` looks like.

```
.text, #text, p{  
    color:rgb(200, 166, 160)  
}
```

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(200, 166, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 166, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 13.868, 34.021 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(200, 166, 160) }
```

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

```
.border{ border-color:rgb(200, 166, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 166, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 166, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 166, 160);  
box-shadow:4px 4px 4px 4px rgb(200, 166,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 13.868, 34.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 166, 160) }
```

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

```
.background{ background-color: rgb(200,  
166, 160) }
```

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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