

Converting Colors

CIELCh(71, 13.815, 108.376)

Have a look what the booklet for
CIELCh(71, 13.815, 108.376)
contains.

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Color

CIELCh(71, 13.568, 107.148)

Conversions

Conversions Part 1

Format	Color
Hex	B0AF96
RGB	176, 175, 150
RGB Percent	69%, 69%, 59%
CMY	0.3091, 0.3130, 0.4111
CMYK	0.00, 0.01, 0.15, 0.31
HSL	58°, 14%, 64%
HSV	58°, 15%, 69%
XYZ	38.8283, 42.1875, 35.0240
YIQ	172.4490, 8.6210, -7.5630

Conversions

Conversions Part 2

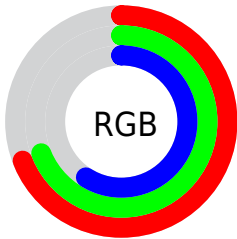
Format	Color
RYB	151, 176, 150
Decimal	11579286
CIELab	71.00, -4.00, 12.96
CIELCh	71, 13.568, 107.148
Yxy	42.1875, 0.3346, 0.3636
Android (android.graphics.Color)	4289769366 (0xFFB0AF96)
YUV	172.4490, -11.0674, 3.1142
Hunter-Lab	64.9519, -6.9583, 13.4954

Details

The CIELCh color $71, 13.568, 107.148$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 13.992, 290.220$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 13.428, 105.905$, and $51, 13.869, 108.374$ is the 20% darker color. If you saturate the color by 10%, you get $70, 22.698, 106.161$, and if you desaturate by 10%, it is $72, 4.376, 108.129$.

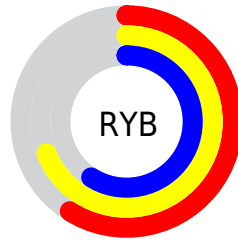
Distribution



Red (69%)

Green (69%)

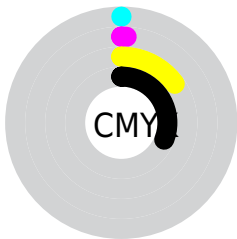
Blue (59%)



Red (59%)

Yellow (69%)

Blue (59%)

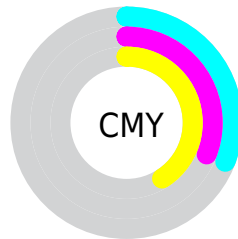


Cyan (0%)

Magenta (1%)

Yellow (15%)

Black (31%)



Cyan (31%)


Magenta (31%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 13.568, 107.148 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, 13.568, 107.148 by changing the saturation by 10% instead.


 71, 13.568,
107.148


 71, 13.568,
107.148


 100, 13.568,
107.148


 61, 13.568,
107.148


 91, 13.568,
107.148

 51, 13.568,
107.148

 41, 13.568,
107.148

 31, 13.568,
107.148

 21, 13.568,
107.148

 11, 13.568,
107.148

 1, 13.568, 107.148

■ 0, 13.568, 107.148

■ 71, 13.568,
107.148

■ 71, 13.568,
107.148

■ 70, 22.698,
106.161

■ 72, 4.376, 108.129

■ 70, 31.685,
105.171

■ 72, 4.836, 289.125

■ 70, 40.412,
104.203

■ 73, 14.033,
290.051

■ 69, 48.692,
103.278

■ 74, 23.197,
290.949

■ 69, 56.243,
102.425

■ 75, 32.313,
291.810

■ 68, 62.669,
101.675

■ 75, 40.899,
292.573

■ 75, 40.513,

■ 68, 67.503,
101.059

292.226

■ 68, 70.370,
100.593

■ 76, 40.129,
291.874

■ 68, 71.402,
100.385

■ 76, 39.746,
291.515

Harmonies

Complementary

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



71, 13.568, 107.148



63, 13.992, 290.220

Rectangle

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



71, 13.568, 107.148



71, 13.568, 157.148



71, 13.568, 287.148



71, 13.568, 337.148

Sweetspot

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



71, 13.570, 107.154



91, 4.558, 108.193



64, 10.292, 16.358



48, 3.237, 108.124



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



71, 13.570, 107.154



90, 20.502, 106.802



70, 14.878, 126.626



38, 5.265, 107.688



60, 64.371, 100.414



8, 12.541, 107.735

Inverse Universe

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



63, 13.992, 290.220



78, 21.302, 290.667



64, 15.211, 308.005



35, 5.372, 289.587



18, 89.490, 305.709



1, 12.922, 288.976

Previews

White Background



This preview shows how the CIELCh color 71, 13.568, 107.148 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, 13.568, 107.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

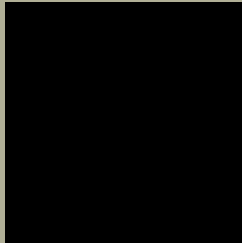
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

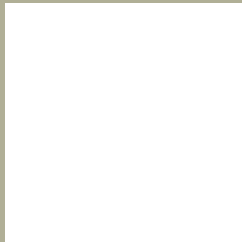
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 13.568, 107.148

Background



This preview shows how black text looks on a background with the CIELCh color 71, 13.568, 107.148.



This preview shows how white text looks on a background with the CIELCh color 71, 13.568, 107.148.

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, 13.568, 107.148

Protanopia

71, 13.522, 93.481

Deuteranopia

71, 14.966, 53.082



Tritanopia
71, 8.711, 318.688

Trichromacy



Original Color
71, 13.568, 107.148

Protanomaly
71, 13.775, 98.838

Deuteranomaly
71, 13.106, 71.524

Tritanomaly
71, 2.651, 19.447

Monochromacy



Original Color
71, 13.568, 107.148

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.893, 109.679

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 13.568, 107.148 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(176, 175, 150)` looks like.

```
.text, #text, p{  
    color:rgb(176, 175, 150)  
}
```

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(176, 175, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 175, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 13.568, 107.148 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(176, 175, 150) }
```

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

```
.border{ border-color:rgb(176, 175, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 175, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 175, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 175, 150);  
box-shadow:4px 4px 4px 4px rgb(176, 175,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 13.568, 107.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 175, 150) }
```

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

```
.background{ background-color: rgb(176,  
175, 150) }
```

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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