

Converting Colors

CIELCh(71, 11.698, 101.234)

Have a look what the booklet for
CIELCh(71, 11.698, 101.234)
contains.

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Color

CIELCh(71, 11.510, 101.165)

Conversions

Conversions Part 1

Format	Color
Hex	B2AE99
RGB	178, 174, 153
RGB Percent	70%, 68%, 60%
CMY	0.3009, 0.3165, 0.3989
CMYK	0.00, 0.02, 0.14, 0.30
HSL	50°, 14%, 65%
HSV	50°, 14%, 70%
XYZ	39.3873, 42.1875, 36.3223
YIQ	172.8020, 9.1250, -5.6830

Conversions

Conversions Part 2

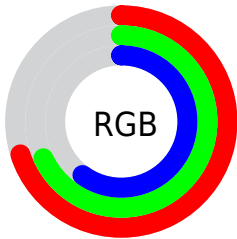
Format	Color
RYB	158, 178, 153
Decimal	11710105
CIELab	71.00, -2.23, 11.29
CIELCh	71, 11.510, 101.165
Yxy	42.1875, 0.3341, 0.3578
Android (android.graphics.Color)	4289900185 (0xFFB2AE99)
YUV	172.8020, -9.7624, 4.5586
Hunter-Lab	64.9519, -5.4223, 12.3103

Details

The CIELCh color **71, 11.510, 101.165** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 11.738, 284.384**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 11.498, 99.963**, and **51, 11.648, 102.372** is the 20% darker color. If you saturate the color by 10%, you get **70, 19.749, 100.054**, and if you desaturate by 10%, it is **72, 3.291, 102.242**.

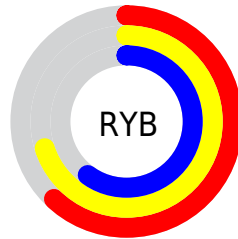
Distribution



Red (70%)

Green (68%)

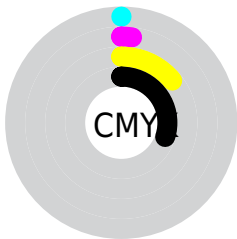
Blue (60%)



Red (62%)

Yellow (70%)

Blue (60%)

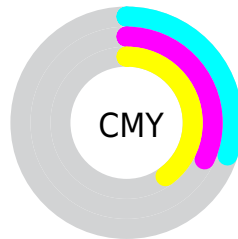


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (30%)



Cyan (30%)


Magenta (32%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 11.510, 101.165 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, 11.510, 101.165 by changing the saturation by 10% instead.


 71, 11.510,
101.165


 71, 11.510,
101.165


 100, 11.510,
101.165


 61, 11.510,
101.165


 91, 11.510,
101.165

 51, 11.510,
101.165

 41, 11.510,
101.165

 31, 11.510,
101.165

 21, 11.510,
101.165

 11, 11.510,
101.165

 1, 11.510, 101.165

■ 0, 11.510, 101.165

■ 71, 11.510,
101.165

■ 71, 11.510,
101.165

■ 70, 19.749,
100.054

■ 72, 3.291, 102.242

■ 73, 4.885, 283.365

■ 69, 27.952, 98.912

■ 75, 13.000,
284.369

■ 68, 36.032, 97.758

■ 67, 43.840, 96.601

■ 76, 21.045,
285.342

■ 66, 51.131, 95.452

■ 77, 29.016,
286.272

■ 65, 57.523, 94.313

■ 64, 62.494, 93.176

■ 79, 34.152,
286.325

■ 63, 65.503, 92.012

■ 79, 32.662,

■ 63, 66.648, 91.306 284.261

■ 80, 31.218,
282.014

■ 81, 29.825,
279.567

Harmonies

Complementary

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



71, 11.510, 101.165



65, 11.738, 284.384

Rectangle

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



71, 11.510, 101.165



71, 11.510, 151.165



71, 11.510, 281.165



71, 11.510, 331.165

Sweetspot

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



71, 11.511, 101.173



91, 4.049, 102.237



66, 10.029, 7.094



49, 2.903, 102.162



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 11.511, 101.173



90, 17.297, 100.811



71, 13.953, 122.299



37, 4.645, 101.687



54, 59.602, 91.463



7, 10.439, 98.543

Inverse Universe

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



65, 11.738, 284.384



81, 17.715, 284.824



65, 14.313, 303.845



35, 4.710, 283.791



20, 82.250, 303.294



1, 11.712, 284.640

Previews

White Background



This preview shows how the CIELCh color 71, 11.510, 101.165 looks on a white background.

Color Contrast Check

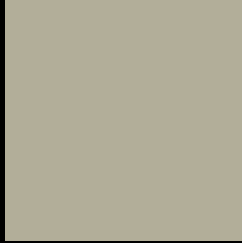
Large Text (above 18pt) WCAG AA × Fail

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, 11.510, 101.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

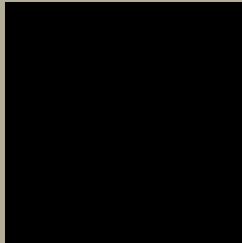
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

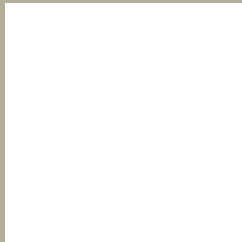
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 11.510, 101.165

Background



This preview shows how black text looks on a background with the CIELCh color 71, 11.510, 101.165.



This preview shows how white text looks on a background with the CIELCh color 71, 11.510, 101.165.

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, 11.510, 101.165

Protanopia

71, 11.433, 90.948

Deuteranopia

71, 13.688, 48.585



Tritanopia
71, 8.426, 322.682

Trichromacy



Original Color
71, 11.510, 101.165

Protanomaly
71, 11.315, 92.865

Deuteranomaly
71, 11.817, 67.017

Tritanomaly
71, 3.415, 19.554

Monochromacy



Original Color
71, 11.510, 101.165

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.876, 98.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 11.510, 101.165 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(178, 174, 153)` looks like.

```
.text, #text, p{  
    color:rgb(178, 174, 153)  
}
```

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(178, 174, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 174, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 11.510, 101.165 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(178, 174, 153) }
```

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

```
.border{ border-color:rgb(178, 174, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 174, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 174, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 174, 153);  
box-shadow:4px 4px 4px 4px rgb(178, 174,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 11.510, 101.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 174, 153) }
```

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

```
.background{ background-color: rgb(178,  
174, 153) }
```

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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