

Converting Colors

CIELCh(71, 18.742, 101.595)

Have a look what the booklet for
CIELCh(71, 18.742, 101.595)
contains.

CIELCh(71, 19.055, 102.184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 19.055, 102.184)

Conversions

Conversions Part 1

Format	Color
Hex	B4AF8C
RGB	180, 175, 140
RGB Percent	71%, 69%, 55%
CMY	0.2946, 0.3142, 0.4515
CMYK	0.00, 0.03, 0.22, 0.29
HSL	53°, 21%, 63%
HSV	53°, 22%, 71%
XYZ	38.8217, 42.1875, 30.8603
YIQ	172.5050, 14.2150, -9.8250

Conversions

Conversions Part 2

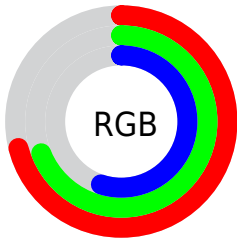
Format	Color
R_{YB}	146, 180, 140
Decimal	11841420
CIE _{Lab}	71.00, -4.02, 18.63
CIE _{LCh}	71, 19.055, 102.184
Yxy	42.1875, 0.3470, 0.3771
Android (android.graphics.Color)	4290031500 (0xFFB4AF8C)
YUV	172.5050, -16.0250, 6.5731
Hunter-Lab	64.9519, -6.9766, 17.2961

Details

The CIELCh color **71, 19.055, 102.184** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61, 19.762, 287.320**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 18.679, 101.670**, and **51, 19.084, 102.417** is the 20% darker color. If you saturate the color by 10%, you get **70, 27.581, 101.093**, and if you desaturate by 10%, it is **72, 10.479, 103.267**.

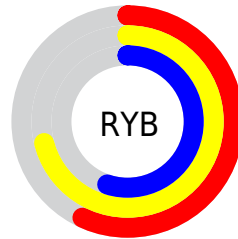
Distribution



Red (71%)

Green (69%)

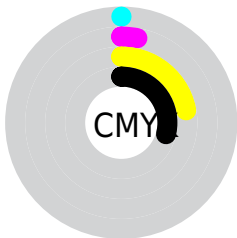
Blue (55%)



Red (57%)

Yellow (71%)

Blue (55%)

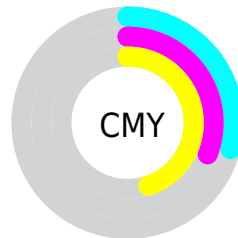


Cyan (0%)

Magenta (3%)

Yellow (22%)

Black (29%)



Cyan (29%)


Magenta (31%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 19.055, 102.184 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, 19.055, 102.184 by changing the saturation by 10% instead.


 71, 19.055,
102.184


 71, 19.055,
102.184


 100, 19.055,
102.184


 61, 19.055,
102.184


 91, 19.055,
102.184

 51, 19.055,
102.184

 41, 19.055,
102.184

 31, 19.055,
102.184

 21, 19.055,
102.184

 11, 19.055,
102.184

 1, 19.055, 102.184

■ 0, 19.055, 102.184

■ 71, 19.055,
102.184

■ 71, 19.055,
102.184

■ 70, 27.581,
101.093

■ 72, 10.479,
103.267

■ 69, 35.965, 99.990

■ 73, 1.903, 104.278

■ 68, 44.060, 98.896

■ 74, 6.641, 285.377

■ 68, 51.627, 97.824

■ 75, 15.135,
286.355

■ 67, 58.302, 96.788

■ 76, 23.568,
287.298

■ 66, 63.585, 95.795

■ 65, 66.953, 94.837

■ 78, 31.933,
288.198

■ 65, 68.441, 94.106

■ 78, 34.533,

287.664

■ 79, 33.335,
286.114

■ 80, 32.163,
284.457

Harmonies

Complementary

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



71, 19.055, 102.184



61, 19.762, 287.320

Rectangle

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



71, 19.055, 102.184



71, 19.055, 152.184



71, 19.055, 282.184



71, 19.055, 332.184

Sweetspot

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



71, 19.056, 102.189



92, 7.432, 103.804



62, 16.274, 10.610



49, 4.826, 103.744



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, 19.056, 102.189



90, 28.703, 101.617



71, 22.382, 123.131



37, 4.818, 103.576



56, 60.799, 94.228



7, 10.989, 101.427

Inverse Universe

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



61, 19.762, 287.320



74, 30.059, 288.118



61, 23.269, 305.541



35, 4.895, 285.617



19, 84.795, 304.184



1, 12.053, 285.977

Previews

White Background



This preview shows how the CIELCh color 71, 19.055, 102.184 looks on a white background.

Color Contrast Check

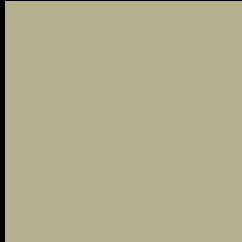
Large Text (above 18pt) WCAG AA × Fail

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, 19.055, 102.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

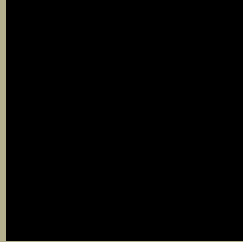
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

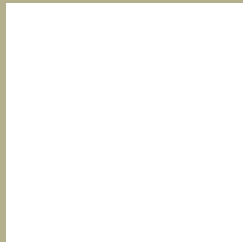
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 19.055, 102.184

Background



This preview shows how black text looks on a background with the CIELCh color 71, 19.055, 102.184.



This preview shows how white text looks on a background with the CIELCh color 71, 19.055, 102.184.

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, 19.055, 102.184

Protanopia

71, 18.987, 94.683

Deuteranopia

71, 20.352, 63.764



Tritanopia
71, 9.316, 330.591

Trichromacy



Original Color
71, 19.055, 102.184

Protanomaly
71, 19.244, 98.551

Deuteranomaly
71, 18.651, 76.847

Tritanomaly
71, 5.089, 44.952

Monochromacy



Original Color
71, 19.055, 102.184

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 7.111, 103.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 19.055, 102.184 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(180, 175, 140)` looks like.

```
.text, #text, p{  
    color:rgb(180, 175, 140)  
}
```

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(180, 175, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 175, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 19.055, 102.184 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(180, 175, 140) }
```

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

```
.border{ border-color:rgb(180, 175, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 175, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 175, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 175, 140);  
box-shadow:4px 4px 4px 4px rgb(180, 175,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 19.055, 102.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 175, 140) }
```

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

```
.background{ background-color: rgb(180,  
175, 140) }
```

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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