

Converting Colors

CIELCh(71, 7.307, 20.346)

Have a look what the booklet for
CIELCh(71, 7.307, 20.346) contains.

CIELCh(71, 7.304, 19.977)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(71, 7.304, 19.977)

Conversions

Conversions Part 1

Format	Color
Hex	BCA9A9
RGB	188, 169, 169
RGB Percent	74%, 66%, 66%
CMY	0.2608, 0.3354, 0.3354
CMYK	0.00, 0.10, 0.10, 0.26
HSL	0°, 13%, 70%
HSV	0°, 10%, 74%
XYZ	42.3405, 42.1875, 43.6805
YIQ	174.6810, 11.3240, 4.0280

Conversions

Conversions Part 2

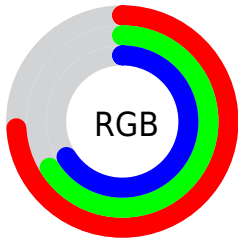
Format	Color
RYB	188, 169, 169
Decimal	12364201
CIELab	71.00, 6.86, 2.50
CIElCh	71, 7.304, 19.977
Yxy	42.1875, 0.3302, 0.3291
Android (android.graphics.Color)	4290554281 (0xFFBCA9A9)
YUV	174.6810, -2.8007, 11.6808
Hunter-Lab	64.9519, 2.6939, 5.5935

Details

The CIELCh color $71, 7.304, 19.977$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 6.856, 198.955$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 7.270, 19.837$, and $51, 7.436, 20.206$ is the 20% darker color. If you saturate the color by 10%, you get $66, 15.121, 20.840$, and if you desaturate by 10%, it is $76, 0.062, 10.903$.

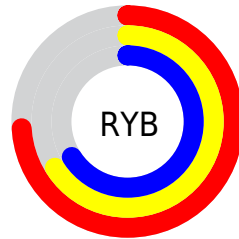
Distribution



Red (74%)

Green (66%)

Blue (66%)



Red (74%)

Yellow (66%)

Blue (66%)

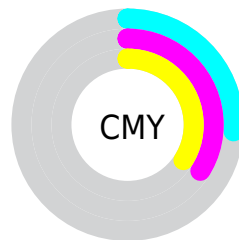


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (26%)



Cyan (26%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 7.304, 19.977 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, 7.304, 19.977 by changing the saturation by 10% instead.

■ 71, 7.304, 19.977 ■ 71, 7.304, 19.977

■ 100, 7.304, 19.977 ■ 61, 7.304, 19.977

■ 91, 7.304, 19.977 ■ 51, 7.304, 19.977

■ 41, 7.304, 19.977

■ 31, 7.304, 19.977

■ 21, 7.304, 19.977

■ 11, 7.304, 19.977

■ 1, 7.304, 19.977

■ 0, 7.304, 19.977

■ 71, 7.304, 19.977 ■ 71, 7.304, 19.977

66, 15.121, 20.840

76, 0.062, 10.903

61, 23.524, 21.906

82, 6.637, 199.017

56, 32.466, 23.287

87, 12.841,
198.585

51, 41.833, 25.088

93, 18.606,
198.257

47, 51.418, 27.416

44, 60.925, 30.341

96, 21.545,
198.090

42, 69.931, 33.779

40, 77.663, 37.242

39, 83.318, 40.002

Harmonies

Complementary

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



71, 7.304, 19.977



75, 6.856, 198.955

Rectangle

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



71, 7.304, 19.977



71, 7.304, 69.977



71, 7.304, 199.977



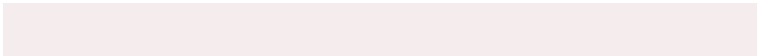
71, 7.304, 249.977

Sweetspot

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



71, 7.303, 19.991



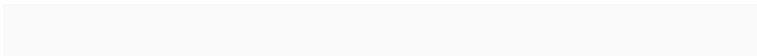
94, 2.614, 19.358



72, 12.573, 324.970



50, 1.986, 19.459



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 7.303, 19.991



89, 10.832, 20.158



73, 6.287, 74.147



37, 4.095, 19.933



32, 72.800, 39.667



3, 12.250, 19.416

Inverse Universe

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



75, 6.856, 198.955



94, 10.030, 198.833



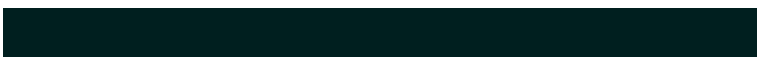
72, 6.140, 256.783



39, 3.863, 199.000



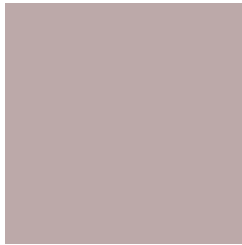
59, 35.050, 196.416



9, 11.660, 196.763

Previews

White Background



This preview shows how the CIELCh color 71, 7.304, 19.977 looks on a white background.

Color Contrast Check

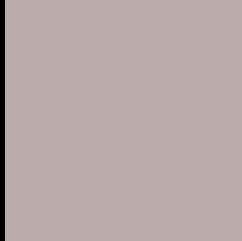
Large Text (above 18pt) WCAG AA × Fail

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, 7.304, 19.977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

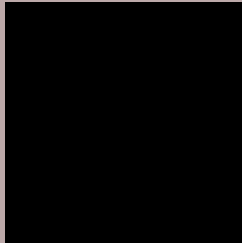
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 7.304, 19.977

Background



This preview shows how black text looks on a background with the CIELCh color 71, 7.304, 19.977.



This preview shows how white text looks on a background with the CIELCh color 71, 7.304, 19.977.

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, 7.304, 19.977

Protanopia

71, 1.852, 55.193

Deuteranopia

71, 9.301, 13.489



Tritanopia
71, 10.915, 339.911

Trichromacy



Original Color
71, 7.304, 19.977

Protanomaly
71, 3.589, 37.179

Deuteranomaly
71, 8.479, 16.431

Tritanomaly
71, 8.751, 350.326

Monochromacy



Original Color
71, 7.304, 19.977

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.648, 19.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 7.304, 19.977 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(188, 169, 169)` looks like.

```
.text, #text, p{  
    color:rgb(188, 169, 169)  
}
```

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(188, 169, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 169, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 7.304, 19.977 is called "border". The border property can be set on classes, ids or directly on the HTML element.

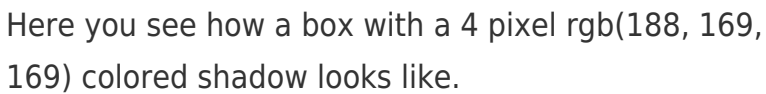
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 169, 169) }
```

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

```
.border{ border-color:rgb(188, 169, 169) }
```

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



Here you see how a box with a 4 pixel rgb(188, 169, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 169, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 169, 169); box-shadow:4px 4px 4px 4px rgb(188, 169, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 7.304, 19.977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 169, 169) }
```

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

```
.background{ background-color: rgb(188,  
169, 169) }
```

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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