

Converting Colors

CIELCh(71, 6.768, 6.329)

Have a look what the booklet for
CIELCh(71, 6.768, 6.329) contains.

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Color

CIELCh(71, 6.685, 5.817)

Conversions

Conversions Part 1

Format	Color
Hex	BBAAAD
RGB	187, 170, 173
RGB Percent	73%, 67%, 68%
CMY	0.2677, 0.3344, 0.3226
CMYK	0.00, 0.09, 0.07, 0.27
HSL	349°, 11%, 70%
HSV	349°, 9%, 73%
XYZ	42.2694, 42.1875, 45.3154
YIQ	175.4250, 9.1690, 4.5370

Conversions

Conversions Part 2

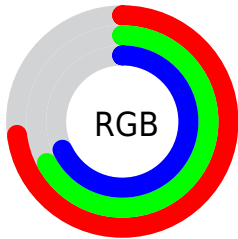
Format	Color
RYB	187, 170, 173
Decimal	12298925
CIELab	71.00, 6.65, 0.68
CIElCh	71, 6.685, 5.817
Yxy	42.1875, 0.3257, 0.3251
Android (android.graphics.Color)	4290489005 (0xFFBBAAD)
YUV	175.4250, -1.1955, 10.1513
Hunter-Lab	64.9519, 2.4984, 4.1011

Details

The CIELCh color $71, 6.685, 5.817$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 6.433, 184.365$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 6.689, 6.408$, and $51, 6.758, 5.241$ is the 20% darker color. If you saturate the color by 10%, you get $66, 14.412, 6.932$, and if you desaturate by 10%, it is $76, 0.639, 185.769$.

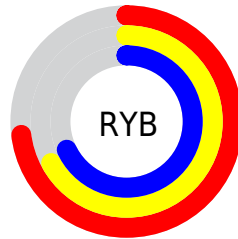
Distribution



Red (73%)

Green (67%)

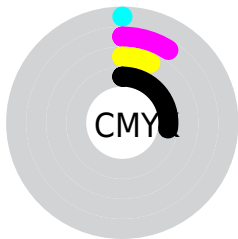
Blue (68%)



Red (73%)

Yellow (67%)

Blue (68%)

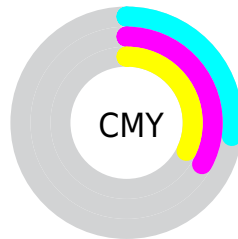


Cyan (0%)

Magenta (9%)

Yellow (7%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 6.685, 5.817 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, 6.685, 5.817 by changing the saturation by 10% instead.

■ 71, 6.685, 5.817

■ 71, 6.685, 5.817

■ 100, 6.685, 5.817

■ 61, 6.685, 5.817

■ 91, 6.685, 5.817

■ 51, 6.685, 5.817

■ 41, 6.685, 5.817

■ 31, 6.685, 5.817

■ 21, 6.685, 5.817

■ 11, 6.685, 5.817

■ 1, 6.685, 5.817

■ 0, 6.685, 5.817

■ 71, 6.685, 5.817

■ 71, 6.685, 5.817

66, 14.412, 6.932

76, 0.639, 185.769

61, 22.508, 8.219

82, 7.551, 184.289

56, 30.876, 9.783

87, 14.070,
183.580

52, 39.343, 11.723

92, 20.224,
182.970

48, 47.658, 14.166

44, 55.509, 17.256

96, 22.535,
190.953

42, 62.608, 21.121

96, 22.057,
198.058

40, 68.799, 25.772

39, 74.227, 30.804

Harmonies

Complementary

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



71, 6.685, 5.817



74, 6.433, 184.365

Rectangle

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



71, 6.685, 5.817



71, 6.685, 55.817



71, 6.685, 185.817



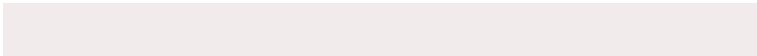
71, 6.685, 235.817

Sweetspot

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



71, 6.683, 5.829



94, 2.679, 5.117



71, 10.649, 319.691



50, 2.051, 5.236



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, 6.683, 5.829



88, 10.039, 6.049



72, 5.309, 52.889



37, 4.201, 5.856



33, 65.615, 30.484



3, 12.472, 9.358

Inverse Universe

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



71, 6.683, 5.829



88, 10.039, 6.049



73, 5.070, 234.455



37, 4.201, 5.856



33, 65.615, 30.484



3, 12.472, 9.358

Previews

White Background



This preview shows how the CIELCh color 71, 6.685, 5.817 looks on a white background.

Color Contrast Check

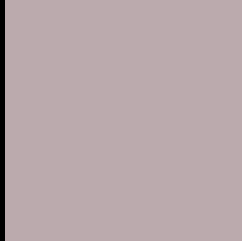
Large Text (above 18pt) WCAG AA × Fail

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, 6.685, 5.817 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

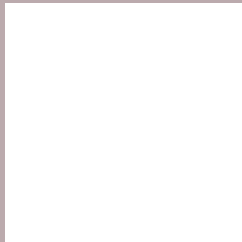
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 6.685, 5.817

Background



This preview shows how black text looks on a background with the CIELCh color 71, 6.685, 5.817.



This preview shows how white text looks on a background with the CIELCh color 71, 6.685, 5.817.

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, 6.685, 5.817

Protanopia

71, 1.871, 343.634

Deuteranopia

71, 9.206, 3.033



Tritanopia
71, 10.731, 334.978

Trichromacy



Original Color

71, 6.685, 5.817

Protanomaly

71, 3.582, 1.892

Deuteranomaly

71, 7.942, 4.181

Tritanomaly

71, 9.021, 343.037

Monochromacy



Original Color

71, 6.685, 5.817

Achromatopsia

71, 0.009, 296.813

Achromatomaly

71, 2.334, 5.911

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 6.685, 5.817 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(187, 170, 173)` looks like.

```
.text, #text, p{  
    color:rgb(187, 170, 173)  
}
```

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(187, 170, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 170, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 6.685, 5.817 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(187, 170, 173) }
```

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

```
.border{ border-color:rgb(187, 170, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 170, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 170, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 170, 173);  
box-shadow:4px 4px 4px 4px rgb(187, 170,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 6.685, 5.817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 170, 173) }
```

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

```
.background{ background-color: rgb(187,  
170, 173) }
```

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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