

Converting Colors

CIELCh(71, 5.820, 41.085)

Have a look what the booklet for
CIELCh(71, 5.820, 41.085) contains.

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Color

CIELCh(71, 5.805, 41.717)

Conversions

Conversions Part 1

Format	Color
Hex	B9ABA7
RGB	185, 171, 167
RGB Percent	73%, 67%, 65%
CMY	0.2748, 0.3297, 0.3454
CMYK	0.00, 0.08, 0.10, 0.27
HSL	13°, 11%, 69%
HSV	13°, 10%, 73%
XYZ	41.5041, 42.1875, 42.4767
YIQ	174.7300, 9.6280, 1.7240

Conversions

Conversions Part 2

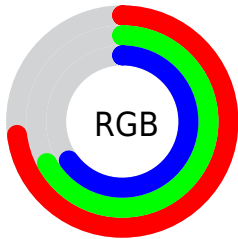
Format	Color
RYB	185, 172, 167
Decimal	12168103
CIELab	71.00, 4.33, 3.86
CIELCh	71, 5.805, 41.717
Yxy	42.1875, 0.3290, 0.3344
Android (android.graphics.Color)	4290358183 (0xFFB9ABA7)
YUV	174.7300, -3.8109, 9.0068
Hunter-Lab	64.9519, 0.3951, 6.6923

Details

The CIELCh color **71, 5.805, 41.717** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 5.473, 222.578**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 5.825, 40.406**, and **51, 5.863, 43.151** is the 20% darker color. If you saturate the color by 10%, you get **67, 12.255, 41.577**, and if you desaturate by 10%, it is **75, 0.156, 225.365**.

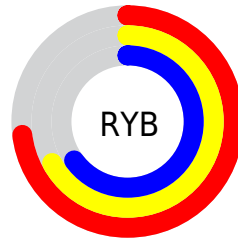
Distribution



Red (73%)

Green (67%)

Blue (65%)



Red (73%)

Yellow (67%)

Blue (65%)

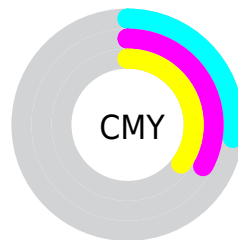


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 5.805, 41.717 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, 5.805, 41.717 by changing the saturation by 10% instead.

 71, 5.805, 41.717  71, 5.805, 41.717

 100, 5.805, 41.717  61, 5.805, 41.717

 91, 5.805, 41.717  51, 5.805, 41.717

 41, 5.805, 41.717

 31, 5.805, 41.717

 21, 5.805, 41.717

 11, 5.805, 41.717

 1, 5.805, 41.717

 0, 5.805, 41.717

 71, 5.805, 41.717  71, 5.805, 41.717

67, 12.255, 41.577

75, 0.156, 225.365

63, 19.239, 41.500

80, 5.675, 222.565

59, 26.788, 41.562

84, 10.802,
222.925

55, 34.905, 41.799

88, 15.583,
223.342

52, 43.546, 42.237

48, 52.574, 42.866

92, 19.451,
217.322

45, 61.666, 43.589

96, 22.581,
198.026

43, 70.094, 44.099

41, 77.006, 44.209

Harmonies

Complementary

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



71, 5.805, 41.717



73, 5.473, 222.578

Rectangle

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



71, 5.805, 41.717



71, 5.805, 91.717



71, 5.805, 221.717



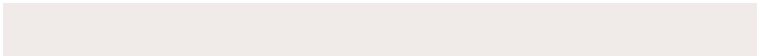
71, 5.805, 271.717

Sweetspot

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



71, 5.804, 41.738



93, 2.150, 41.728



70, 10.272, 331.697



49, 1.634, 41.764



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 5.804, 41.738



88, 8.924, 41.697



73, 7.226, 93.730



37, 3.354, 41.745



34, 67.553, 44.538



3, 9.224, 35.229

Inverse Universe

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



73, 5.473, 222.578



91, 8.281, 222.679



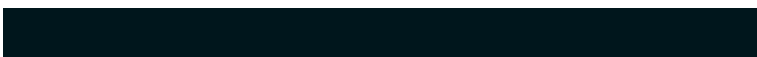
70, 7.261, 276.170



38, 3.171, 222.564



47, 30.742, 239.795



6, 8.515, 233.043

Previews

White Background



This preview shows how the CIELCh color 71, 5.805, 41.717 looks on a white background.

Color Contrast Check

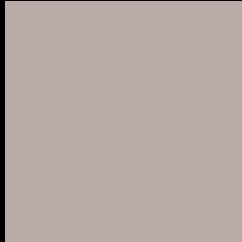
Large Text (above 18pt) WCAG AA × Fail

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, 5.805, 41.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

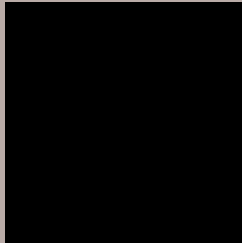
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 5.805, 41.717

Background



This preview shows how black text looks on a background with the CIELCh color 71, 5.805, 41.717.



This preview shows how white text looks on a background with the CIELCh color 71, 5.805, 41.717.

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, 5.805, 41.717

Protanopia

71, 3.306, 74.646

Deuteranopia

71, 9.708, 23.398



Tritanopia
71, 9.814, 334.009

Trichromacy



Original Color
71, 5.805, 41.717

Protanomaly
71, 4.060, 51.911

Deuteranomaly
71, 8.194, 27.644

Tritanomaly
71, 7.165, 347.856

Monochromacy



Original Color
71, 5.805, 41.717

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.171, 49.343

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 5.805, 41.717 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(185, 171, 167)` looks like.

```
.text, #text, p{  
    color:rgb(185, 171, 167)  
}
```

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(185, 171, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 171, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 5.805, 41.717 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(185, 171, 167) }
```

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

```
.border{ border-color:rgb(185, 171, 167) }
```

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

Here you see how a box with a 4 pixel rgb(185, 171, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 171, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 171, 167);  
box-shadow:4px 4px 4px 4px rgb(185, 171,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 5.805, 41.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 171, 167) }
```

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

```
.background{ background-color: rgb(185,  
171, 167) }
```

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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