

Converting Colors

CIELCh(71, 5.718, 65.731)

Have a look what the booklet for
CIELCh(71, 5.718, 65.731) contains.

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Color

CIELCh(71, 5.807, 68.005)

Conversions

Conversions Part 1

Format	Color
Hex	B6ACA4
RGB	182, 172, 164
RGB Percent	71%, 67%, 64%
CMY	0.2858, 0.3251, 0.3564
CMYK	0.00, 0.05, 0.10, 0.29
HSL	27°, 11%, 68%
HSV	27°, 10%, 71%
XYZ	40.7997, 42.1875, 41.1639
YIQ	174.0780, 8.5280, -0.3680

Conversions

Conversions Part 2

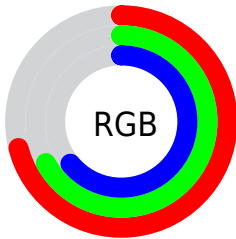
Format	Color
RYB	182, 178, 164
Decimal	11971748
CIELab	71.00, 2.17, 5.38
CIELCh	71, 5.807, 68.005
Yxy	42.1875, 0.3286, 0.3398
Android (android.graphics.Color)	4290161828 (0xFFB6ACA4)
YUV	174.0780, -4.9685, 6.9476
Hunter-Lab	64.9519, -1.5407, 7.8908

Details

The CIELCh color $71, 5.807, 68.005$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 5.626, 250.456$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 5.743, 65.476$, and $51, 5.963, 70.628$ is the 20% darker color. If you saturate the color by 10%, you get $68, 12.012, 66.940$, and if you desaturate by 10%, it is $74, 0.072, 254.558$.

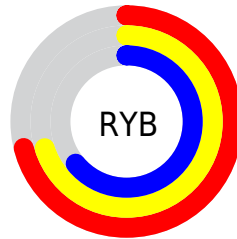
Distribution



Red (71%)

Green (67%)

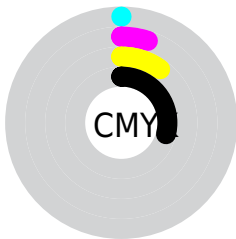
Blue (64%)



Red (71%)

Yellow (70%)

Blue (64%)

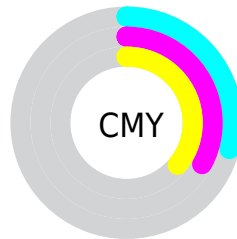


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 5.807, 68.005 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, 5.807, 68.005 by changing the saturation by 10% instead.

 71, 5.807, 68.005

 71, 5.807, 68.005

 100, 5.807, 68.005

 61, 5.807, 68.005

 91, 5.807, 68.005

 51, 5.807, 68.005

 41, 5.807, 68.005

 31, 5.807, 68.005

 21, 5.807, 68.005

 11, 5.807, 68.005

 1, 5.807, 68.005

 0, 5.807, 68.005

 71, 5.807, 68.005

 71, 5.807, 68.005

68, 12.012, 66.940

74, 0.072, 254.558

65, 18.571, 65.834

77, 5.657, 250.376

62, 25.501, 64.736

80, 10.981,
251.421

59, 32.798, 63.651

84, 16.075,
252.459

56, 40.405, 62.569

54, 48.169, 61.445

87, 20.903,
253.311

51, 55.742, 60.164

90, 19.543,
235.027

49, 62.446, 58.480

47, 67.820, 56.325

92, 20.240,
216.377

95, 22.737,
200.602

95, 23.388,
197.976

Harmonies

Complementary

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



71, 5.807, 68.005



71, 5.626, 250.456

Rectangle

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



71, 5.807, 68.005



71, 5.807, 118.005



71, 5.807, 248.005



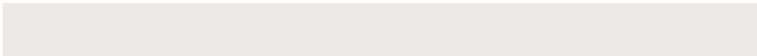
71, 5.807, 298.005

Sweetspot

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



71, 5.807, 68.027



93, 2.140, 68.638



69, 8.837, 340.952



49, 1.640, 68.594



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, 5.807, 68.027



89, 8.793, 67.780



73, 9.078, 106.365



37, 3.345, 68.083



40, 60.226, 56.804



5, 8.711, 55.229

Inverse Universe

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



71, 5.626, 250.456



89, 8.444, 250.755



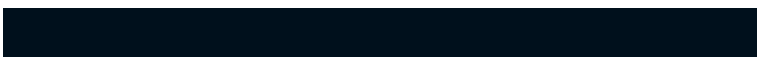
68, 9.259, 288.432



37, 3.247, 250.388



36, 44.083, 277.375



4, 9.701, 262.459

Previews

White Background



This preview shows how the CIELCh color 71, 5.807, 68.005 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, 5.807, 68.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

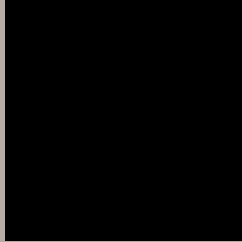
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 5.807, 68.005

Background



This preview shows how black text looks on a background with the CIELCh color 71, 5.807, 68.005.

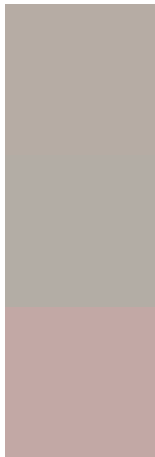


This preview shows how white text looks on a background with the CIELCh color 71, 5.807, 68.005.

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, 5.807, 68.005

Protanopia

71, 4.909, 81.706

Deuteranopia

71, 10.267, 29.323



Tritanopia
71, 9.735, 328.517

Trichromacy



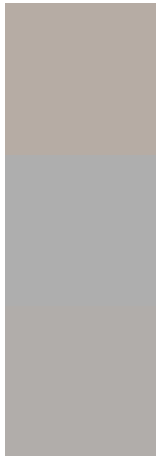
Original Color
71, 5.807, 68.005

Protanomaly
71, 5.101, 77.855

Deuteranomaly
71, 8.443, 34.907

Tritanomaly
71, 6.238, 348.288

Monochromacy



Original Color
71, 5.807, 68.005

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.214, 66.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 5.807, 68.005 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(182, 172, 164)` looks like.

```
.text, #text, p{  
    color:rgb(182, 172, 164)  
}
```

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(182, 172, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 172, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 5.807, 68.005 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(182, 172, 164) }
```

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

```
.border{ border-color:rgb(182, 172, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 172, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 172, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 172, 164);  
box-shadow:4px 4px 4px 4px rgb(182, 172,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 5.807, 68.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 172, 164) }
```

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

```
.background{ background-color: rgb(182,  
172, 164) }
```

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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