

Converting Colors

CIELCh(75, 5.754, 69.188)

Have a look what the booklet for
CIELCh(75, 5.754, 69.188) contains.

CIELCh(75, 5.735, 68.060)	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(75, 5.735, 68.060)

Conversions

Conversions Part 1

Format	Color
Hex	C1B7AF
RGB	193, 183, 175
RGB Percent	76%, 72%, 69%
CMY	0.2433, 0.2825, 0.3139
CMYK	0.00, 0.05, 0.09, 0.24
HSL	27°, 13%, 72%
HSV	27°, 9%, 76%
XYZ	46.6430, 48.2781, 47.3990
YIQ	185.0780, 8.5280, -0.3680

Conversions

Conversions Part 2

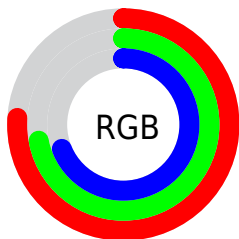
Format	Color
RYB	193, 189, 175
Decimal	12695471
CIELab	75.00, 2.14, 5.32
CIELCh	75, 5.735, 68.060
Yxy	48.2781, 0.3277, 0.3392
Android (android.graphics.Color)	4290885551 (0xFFC1B7AF)
YUV	185.0780, -4.9685, 6.9476
Hunter-Lab	69.4824, -1.7686, 8.1917

Details

The CIELCh color **75, 5.735, 68.060** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 5.567, 250.393**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 5.834, 71.531**, and **55, 5.428, 67.066** is the 20% darker color. If you saturate the color by 10%, you get **72, 12.221, 66.994**, and if you desaturate by 10%, it is **78, 0.410, 250.249**.

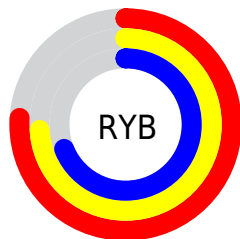
Distribution



Red (76%)

Green (72%)

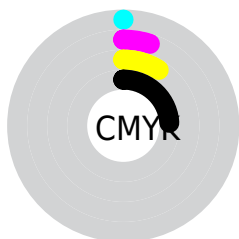
Blue (69%)



Red (76%)

Yellow (74%)

Blue (69%)

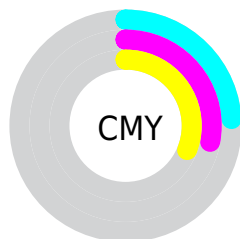


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (24%)



Cyan (24%)

Magenta (28%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 5.735, 68.060 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 75, 5.735, 68.060 by changing the saturation by 10% instead.

 75, 5.735, 68.060

 75, 5.735, 68.060

 100, 5.735, 68.060

 65, 5.735, 68.060

 95, 5.735, 68.060

 55, 5.735, 68.060

 45, 5.735, 68.060

 35, 5.735, 68.060

 25, 5.735, 68.060

 15, 5.735, 68.060

 5, 5.735, 68.060

 0, 5.735, 68.060

 75, 5.735, 68.060

 75, 5.735, 68.060

72, 12.221, 66.994

78, 0.410, 250.249

69, 19.079, 65.884

82, 6.248, 250.440

66, 26.328, 64.781

85, 11.813,
251.490

63, 33.963, 63.691

88, 17.138,
252.530

60, 41.928, 62.605

57, 50.065, 61.478

91, 16.824,
233.489

54, 58.015, 60.199

94, 18.003,
211.214

52, 65.072, 58.520

50, 70.574, 56.270

96, 20.223,
198.173

Harmonies

Complementary

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



75, 5.735, 68.060



75, 5.567, 250.393

Rectangle

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



75, 5.735, 68.060



75, 5.735, 118.060



75, 5.735, 248.060



75, 5.735, 298.060

Sweetspot

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



75, 5.735, 68.083



97, 2.233, 68.639



73, 8.736, 340.908



51, 1.697, 68.595



99, 0.012, 296.813



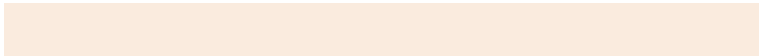
52, 0.007, 296.813

Same Dimension

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



75, 5.735, 68.083



94, 8.387, 67.887



77, 8.978, 106.417



39, 3.498, 68.078



41, 61.714, 56.697



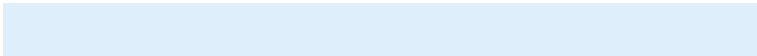
6, 11.471, 52.177

Inverse Universe

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



75, 5.567, 250.393



93, 8.084, 250.627



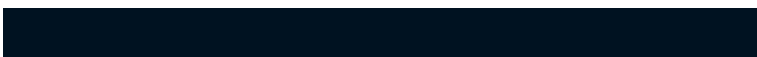
72, 9.149, 288.372



39, 3.395, 250.398



37, 45.249, 277.517



5, 12.077, 264.263

Previews

White Background



This preview shows how the CIELCh color 75, 5.735, 68.060 looks on a white background.

Color Contrast Check

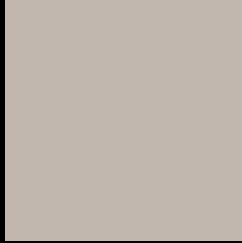
Large Text (above 18pt) WCAG AA × Fail

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 75, 5.735, 68.060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

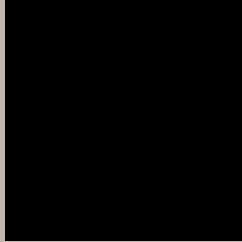
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

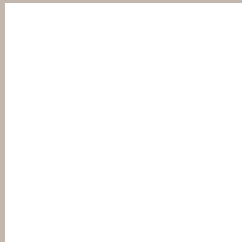
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 5.735, 68.060

Background



This preview shows how black text looks on a background with the CIELCh color 75, 5.735, 68.060.

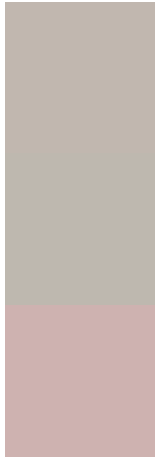


This preview shows how white text looks on a background with the CIELCh color 75, 5.735, 68.060.

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


75, 5.735, 68.060

Protanopia

75, 5.335, 84.380

Deuteranopia

75, 10.831, 25.925



Tritanopia
75, 9.629, 328.489

Trichromacy



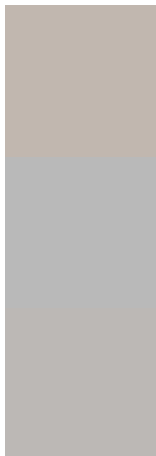
Original Color
75, 5.735, 68.060

Protanomaly
75, 5.508, 80.769

Deuteranomaly
75, 8.332, 34.898

Tritanomaly
75, 6.167, 348.248

Monochromacy



Original Color
75, 5.735, 68.060

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 2.188, 66.727

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 5.735, 68.060 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(193, 183, 175)` looks like.

```
.text, #text, p{  
    color:rgb(193, 183, 175)  
}
```

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(193, 183, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 183, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 5.735, 68.060 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(193, 183, 175) }
```

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

```
.border{ border-color:rgb(193, 183, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 183, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 183, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 183, 175);  
box-shadow:4px 4px 4px 4px rgb(193, 183,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 5.735, 68.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 183, 175) }
```

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

```
.background{ background-color: rgb(193,  
183, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor