

Converting Colors

CIELCh(75, 7.068, 68.998)

Have a look what the booklet for
CIELCh(75, 7.068, 68.998) contains.

CIELCh(75, 7.068, 68.998)	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, 7.068, 68.998)

Conversions

Conversions Part 1

Format	Color
Hex	C3B7AD
RGB	195, 183, 173
RGB Percent	76%, 72%, 68%
CMY	0.2367, 0.2837, 0.3229
CMYK	0.00, 0.06, 0.11, 0.24
HSL	27°, 15%, 72%
HSV	27°, 11%, 76%
XYZ	46.7817, 48.2781, 46.2094
YIQ	185.4480, 10.3620, -0.5660

Conversions

Conversions Part 2

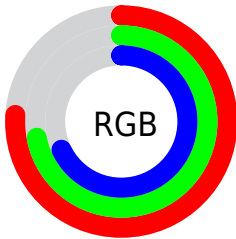
Format	Color
R _Y B	195, 191, 173
Decimal	12826541
CIE Lab	75.00, 2.53, 6.60
CIE LCh	75, 7.068, 68.998
Yxy	48.2781, 0.3312, 0.3417
Android (android.graphics.Color)	4291016621 (0xFFC3B7AD)
YUV	185.4480, -6.1369, 8.3771
Hunter-Lab	69.4824, -1.4124, 9.2068

Details

The CIELCh color $75, 7.068, 68.998$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 6.822, 251.830$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 7.329, 69.601$, and $55, 6.854, 68.204$ is the 20% darker color. If you saturate the color by 10%, you get $72, 13.692, 67.894$, and if you desaturate by 10%, it is $78, 0.786, 69.713$.

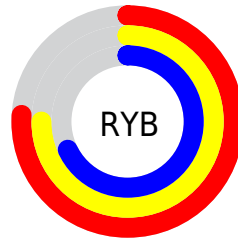
Distribution



Red (76%)

Green (72%)

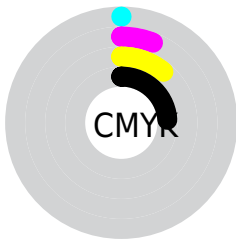
Blue (68%)



Red (76%)

Yellow (75%)

Blue (68%)

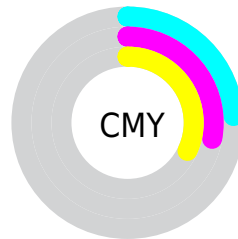


Cyan (0%)

Magenta (6%)

Yellow (11%)

Black (24%)



Cyan (24%)

Magenta (28%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 7.068, 68.998 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, 7.068, 68.998 by changing the saturation by 10% instead.

 75, 7.068, 68.998  75, 7.068, 68.998

 100, 7.068, 68.998  65, 7.068, 68.998

 95, 7.068, 68.998  55, 7.068, 68.998

 45, 7.068, 68.998

 35, 7.068, 68.998

 25, 7.068, 68.998

 15, 7.068, 68.998

 5, 7.068, 68.998

 0, 7.068, 68.998

 75, 7.068, 68.998  75, 7.068, 68.998

72, 13.692, 67.894

78, 0.786, 69.713

69, 20.684, 66.755

82, 5.188, 251.417

66, 28.060, 65.620

85, 10.887,
252.478

63, 35.803, 64.493

88, 16.343,
253.536

60, 43.840, 63.358

57, 51.975, 62.160

91, 16.435,
236.392

55, 59.785, 60.767

94, 17.314,
213.452

52, 66.474, 58.902

50, 71.066, 56.870

96, 19.722,
198.205

Harmonies

Complementary

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



75, 7.068, 68.998



74, 6.822, 251.830

Rectangle

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



75, 7.068, 68.998



75, 7.068, 118.998



75, 7.068, 248.998



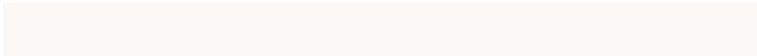
75, 7.068, 298.998

Sweetspot

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



75, 7.068, 69.017



98, 2.263, 69.804



73, 10.556, 341.917



52, 1.735, 69.757



0, 0.000, 0.000



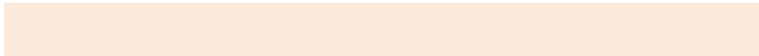
53, 0.007, 296.813

Same Dimension

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



75, 7.068, 69.017



94, 10.903, 68.693



78, 11.139, 106.974



39, 3.515, 69.227



42, 61.415, 57.451



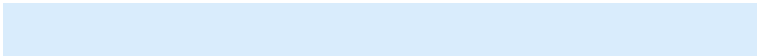
6, 11.465, 53.242

Inverse Universe

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



74, 6.822, 251.830



93, 10.412, 252.232



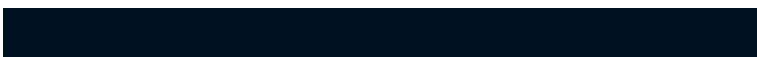
72, 11.401, 289.327



39, 3.417, 251.580



37, 46.184, 278.702



5, 12.210, 265.278

Previews

White Background



This preview shows how the CIELCh color 75, 7.068, 68.998 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, 7.068, 68.998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

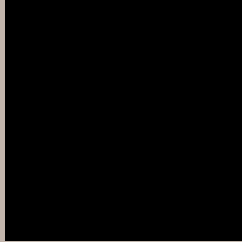
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

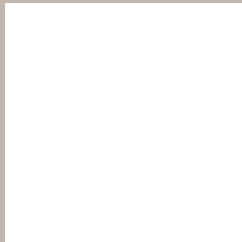
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 7.068, 68.998

Background



This preview shows how black text looks on a background with the CIELCh color 75, 7.068, 68.998.

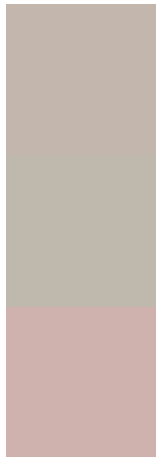


This preview shows how white text looks on a background with the CIELCh color 75, 7.068, 68.998.

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, 7.068, 68.998

Protanopia

75, 6.477, 85.201

Deuteranopia

75, 11.426, 31.069



Tritanopia
75, 10.100, 331.859

Trichromacy



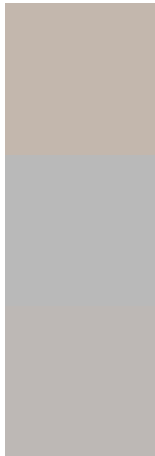
Original Color
75, 7.068, 68.998

Protanomaly
75, 6.644, 82.170

Deuteranomaly
75, 9.441, 39.939

Tritanomaly
75, 6.586, 355.789

Monochromacy



Original Color
75, 7.068, 68.998

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 2.460, 60.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 7.068, 68.998 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(195, 183, 173)` looks like.

```
.text, #text, p{  
    color:rgb(195, 183, 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(195, 183, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 183, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 7.068, 68.998 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(195, 183, 173) }
```

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

```
.border{ border-color:rgb(195, 183, 173) }
```

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

Here you see how a box with a 4 pixel rgb(195, 183, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 183, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 183, 173);  
box-shadow:4px 4px 4px 4px rgb(195, 183,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 7.068, 68.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 183, 173) }
```

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

```
.background{ background-color: rgb(195,  
183, 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](#).

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