

Converting Colors

CIELCh(75, 7.499, 68.929)

Have a look what the booklet for
CIELCh(75, 7.499, 68.929) contains.

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Color

CIELCh(75, 7.491, 71.583)

Conversions

Conversions Part 1

Format	Color
Hex	C3B7AC
RGB	195, 183, 172
RGB Percent	76%, 72%, 67%
CMY	0.2364, 0.2835, 0.3266
CMYK	0.00, 0.06, 0.12, 0.24
HSL	29°, 16%, 72%
HSV	29°, 12%, 76%
XYZ	46.7225, 48.2781, 45.7416
YIQ	185.3340, 10.6830, -0.8770

Conversions

Conversions Part 2

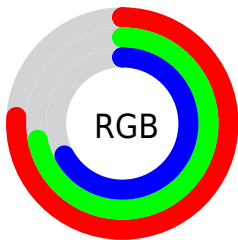
Format	Color
RYB	195, 193, 172
Decimal	12826540
CIELab	75.00, 2.37, 7.11
CIElCh	75, 7.491, 71.583
Yxy	48.2781, 0.3320, 0.3430
Android (android.graphics.Color)	4291016620 (0xFFC3B7AC)
YUV	185.3340, -6.5737, 8.4771
Hunter-Lab	69.4824, -1.5644, 9.6060

Details

The CIELCh color **75, 7.491, 71.583** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 7.250, 254.624**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 7.733, 71.971**, and **55, 7.303, 71.040** is the 20% darker color. If you saturate the color by 10%, you get **72, 14.190, 70.424**, and if you desaturate by 10%, it is **78, 1.114, 72.498**.

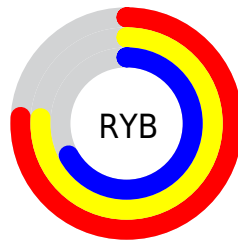
Distribution



Red (76%)

Green (72%)

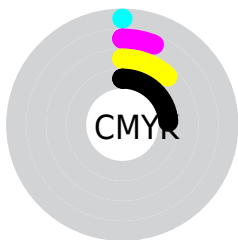
Blue (67%)



Red (76%)

Yellow (76%)

Blue (67%)

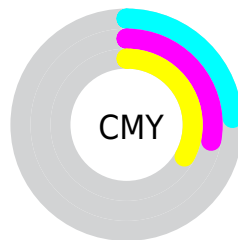


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (24%)



Cyan (24%)

Magenta (28%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 7.491, 71.583 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, 7.491, 71.583 by changing the saturation by 10% instead.

 75, 7.491, 71.583  75, 7.491, 71.583

 100, 7.491, 71.583  65, 7.491, 71.583

 95, 7.491, 71.583  55, 7.491, 71.583

 45, 7.491, 71.583

 35, 7.491, 71.583

 25, 7.491, 71.583

 15, 7.491, 71.583

 5, 7.491, 71.583

 0, 7.491, 71.583

 75, 7.491, 71.583  75, 7.491, 71.583

72, 14.190, 70.424

78, 1.114, 72.498

69, 21.232, 69.226

81, 4.971, 254.074

66, 28.628, 68.022

84, 10.795,
255.165

63, 36.353, 66.813

88, 16.388,
256.249

60, 44.319, 65.581

58, 52.314, 64.268

90, 16.576,
241.369

55, 59.886, 62.738

93, 16.831,
218.969

53, 66.225, 60.718

51, 70.291, 58.701

96, 19.300,
200.069

96, 19.702,
198.206

Harmonies

Complementary

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



75, 7.491, 71.583



74, 7.250, 254.624

Rectangle

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



75, 7.491, 71.583



75, 7.491, 121.583



75, 7.491, 251.583



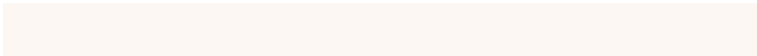
75, 7.491, 301.583

Sweetspot

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



75, 7.491, 71.601



98, 3.070, 72.421



73, 10.917, 342.823



52, 2.205, 72.355



0, 0.000, 0.000



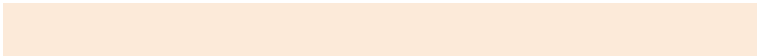
53, 0.007, 296.813

Same Dimension

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



75, 7.491, 71.601



94, 11.033, 71.321



78, 11.841, 107.654



39, 3.561, 71.878



43, 60.755, 59.285



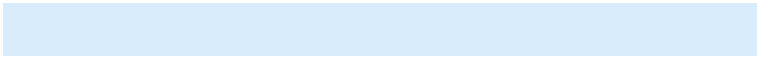
6, 11.466, 55.815

Inverse Universe

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



74, 7.250, 254.624



92, 10.595, 254.967



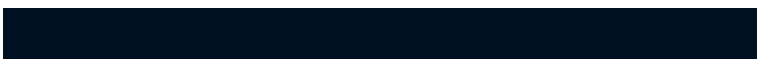
71, 12.142, 290.086



39, 3.473, 254.296



36, 48.450, 281.333



5, 12.527, 267.523

Previews

White Background



This preview shows how the CIELCh color 75, 7.491, 71.583 looks on a white background.

Color Contrast Check

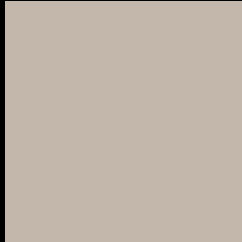
Large Text (above 18pt) WCAG AA × Fail

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, 7.491, 71.583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

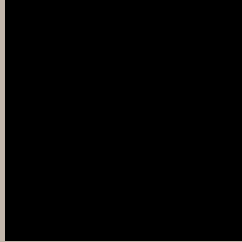
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 7.491, 71.583

Background



This preview shows how black text looks on a background with the CIELCh color 75, 7.491, 71.583.

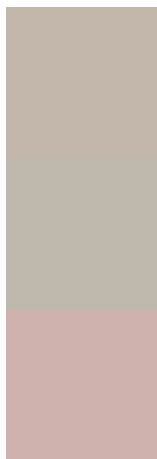


This preview shows how white text looks on a background with the CIELCh color 75, 7.491, 71.583.

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, 7.491, 71.583

Protanopia

75, 6.973, 86.939

Deuteranopia

75, 11.566, 33.641



Tritanopia
75, 10.753, 331.469

Trichromacy



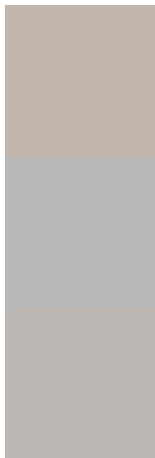
Original Color
75, 7.491, 71.583

Protanomaly
75, 7.129, 84.071

Deuteranomaly
75, 9.657, 42.875

Tritanomaly
75, 7.159, 353.132

Monochromacy



Original Color
75, 7.491, 71.583

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 2.841, 68.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 7.491, 71.583 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(195, 183, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 183, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 7.491, 71.583 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, 172) }
```

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

```
.border{ border-color:rgb(195, 183, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 183, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 183, 172);  
box-shadow:4px 4px 4px 4px rgb(195, 183,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 7.491, 71.583 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, 172) }
```

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

```
.background{ background-color: rgb(195,  
183, 172) }
```

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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