

Converting Colors

CIELCh(75, 17.237, 115.065)

Have a look what the booklet for
CIELCh(75, 17.237, 115.065)
contains.

CIELCh(75, 17.253, 115.059)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 17.253, 115.059)

Conversions

Conversions Part 1

Format	Color
Hex	B7BC9C
RGB	183, 188, 156
RGB Percent	72%, 74%, 61%
CMY	0.2834, 0.2638, 0.3892
CMYK	0.03, 0.00, 0.17, 0.26
HSL	69°, 19%, 67%
HSV	69°, 17%, 74%
XYZ	43.3697, 48.2781, 38.3705
YIQ	182.8570, 7.2920, -11.0120

Conversions

Conversions Part 2

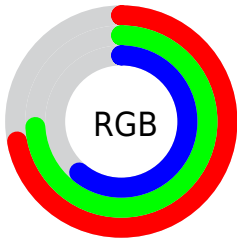
Format	Color
RYB	156, 188, 161
Decimal	12041372
CIELab	75.00, -7.31, 15.63
CIELCh	75, 17.253, 115.059
Yxy	48.2781, 0.3336, 0.3713
Android (android.graphics.Color)	4290231452 (0xFFB7BC9C)
YUV	182.8570, -13.2405, 0.1254
Hunter-Lab	69.4824, -10.1777, 15.8958

Details

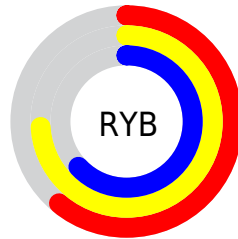
The CIELCh color **75, 17.253, 115.059** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 17.907, 297.692**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 16.950, 115.109**, and **55, 17.178, 115.151** is the 20% darker color. If you saturate the color by 10%, you get **74, 27.259, 114.324**, and if you desaturate by 10%, it is **76, 7.141, 115.798**.

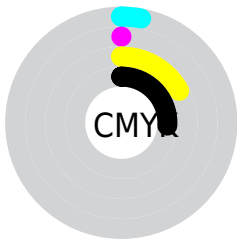
Distribution



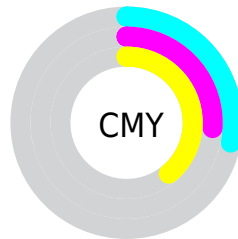
- Red (72%)
- Green (74%)
- Blue (61%)



- Red (61%)
- Yellow (74%)
- Blue (63%)



- Cyan (3%)
- Magenta (0%)
- Yellow (17%)
- Black (26%)





- Cyan (28%)
- Magenta (26%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 17.253, 115.059 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, 17.253, 115.059 by changing the saturation by 10% instead.


 75, 17.253,
115.059


 75, 17.253,
115.059


 100, 17.253,
115.059


 65, 17.253,
115.059


 95, 17.253,
115.059

 55, 17.253,
115.059

 45, 17.253,
115.059

 35, 17.253,
115.059

 25, 17.253,
115.059

 15, 17.253,
115.059

 5, 17.253, 115.059

■ 0, 17.253, 115.059

■ 75, 17.253,
115.059

■ 75, 17.253,
115.059

■ 74, 27.259,
114.324

■ 76, 7.141, 115.798

■ 74, 37.056,
113.601

■ 76, 3.015, 296.518

■ 73, 46.499,
112.922

■ 77, 13.170,
297.208

■ 73, 55.362,
112.330

■ 78, 23.292,
297.867

■ 73, 63.323,
111.880

■ 79, 33.356,
298.490

■ 72, 69.949,
111.648

■ 79, 36.301,
299.726

■ 80, 36.419,

■ 72, 74.781,
111.713

301.220

■ 72, 77.598,
112.124

■ 80, 36.559,
302.715

■ 72, 78.265,
112.270

■ 80, 36.722,
304.207

Harmonies

Complementary

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



75, 17.253, 115.059



66, 17.907, 297.692

Rectangle

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



75, 17.253, 115.059



75, 17.253, 165.059



75, 17.253, 295.059



75, 17.253, 345.059

Sweetspot

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



75, 17.255, 115.063



96, 6.289, 115.940



68, 11.083, 33.949



51, 4.290, 115.889



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



75, 17.255, 115.063



95, 25.093, 114.820



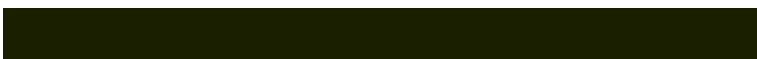
74, 19.034, 133.396



40, 5.771, 115.629



61, 68.897, 112.155



10, 17.247, 117.264

Inverse Universe

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



66, 17.907, 297.692



81, 26.238, 298.002



67, 19.329, 314.836



37, 5.893, 297.024



19, 92.568, 306.997



1, 17.511, 294.990

Previews

White Background



This preview shows how the CIELCh color 75, 17.253, 115.059 looks on a white background.

Color Contrast Check

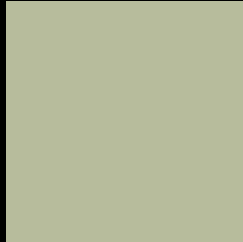
Large Text (above 18pt) WCAG AA × Fail

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, 17.253, 115.059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

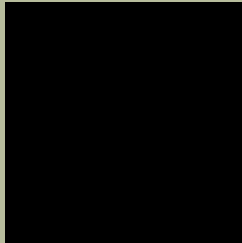
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

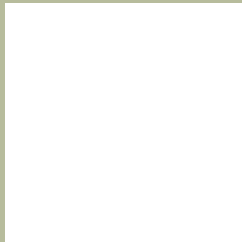
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 17.253, 115.059

Background



This preview shows how black text looks on a background with the CIELCh color 75, 17.253, 115.059.



This preview shows how white text looks on a background with the CIELCh color 75, 17.253, 115.059.

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, 17.253, 115.059

Protanopia

75, 16.691, 93.428

Deuteranopia

75, 17.458, 57.957



Tritanopia
75, 7.909, 306.864

Trichromacy



Original Color
75, 17.253, 115.059

Protanomaly
75, 16.265, 100.238

Deuteranomaly
75, 15.450, 79.601

Tritanomaly
75, 1.767, 84.932

Monochromacy



Original Color
75, 17.253, 115.059

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 6.506, 116.247

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 17.253, 115.059 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(183, 188, 156)` looks like.

```
.text, #text, p{  
    color:rgb(183, 188, 156)  
}
```

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(183, 188, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 188, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 17.253, 115.059 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(183, 188, 156) }
```

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

```
.border{ border-color:rgb(183, 188, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 188, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 188, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 188, 156);  
box-shadow:4px 4px 4px 4px rgb(183, 188,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 17.253, 115.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 188, 156) }
```

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

```
.background{ background-color: rgb(183,  
188, 156) }
```

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