

Converting Colors

CIELCh(75, 3.799, 117.748)

Have a look what the booklet for
CIELCh(75, 3.799, 117.748) contains.

CIELCh(75, 3.785, 115.500)	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, 3.785, 115.500)

Conversions

Conversions Part 1

Format	Color
Hex	B8B9B2
RGB	184, 185, 178
RGB Percent	72%, 73%, 70%
CMY	0.2772, 0.2733, 0.3008
CMYK	0.01, 0.00, 0.04, 0.27
HSL	69°, 5%, 71%
HSV	69°, 4%, 73%
XYZ	45.3174, 48.2781, 49.2071
YIQ	183.9030, 1.6510, -2.3890

Conversions

Conversions Part 2

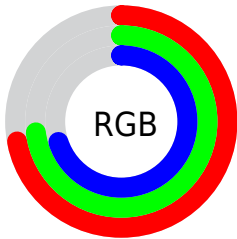
Format	Color
RYB	178, 185, 179
Decimal	12106162
CIELab	75.00, -1.63, 3.42
CIELCh	75, 3.785, 115.500
Yxy	48.2781, 0.3173, 0.3381
Android (android.graphics.Color)	4290296242 (0xFFB8B9B2)
YUV	183.9030, -2.9102, 0.0851
Hunter-Lab	69.4824, -5.1742, 6.6489

Details

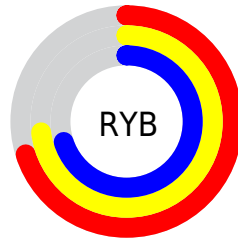
The CIELCh color `75, 3.785, 115.500` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `73, 3.834, 296.083`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `95, 3.600, 115.561`, and `55, 4.029, 115.399` is the 20% darker color. If you saturate the color by 10%, you get `74, 13.802, 114.771`, and if you desaturate by 10%, it is `76, 6.256, 296.247`.

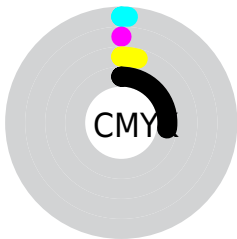
Distribution



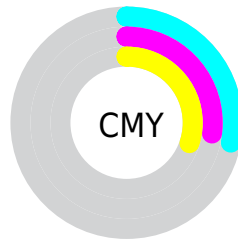
- Red (72%)
- Green (73%)
- Blue (70%)



- Red (70%)
- Yellow (73%)
- Blue (70%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)



- Cyan (28%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 3.785, 115.500 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, 3.785, 115.500 by changing the saturation by 10% instead.

■ 75, 3.785, 115.500

■ 75, 3.785, 115.500

■ 100, 3.785,
115.500

■ 65, 3.785, 115.500

■ 95, 3.785, 115.500

■ 55, 3.785, 115.500

■ 45, 3.785, 115.500

■ 35, 3.785, 115.500

■ 25, 3.785, 115.500

■ 15, 3.785, 115.500

■ 5, 3.785, 115.500

■ 0, 3.785, 115.500

■ 75, 3.785, 115.500

■ 75, 3.785, 115.500

74, 13.802,
114.771

76, 6.256, 296.247

74, 23.732,
114.016

76, 16.288,
296.944

73, 33.493,
113.268

77, 26.279,
297.608

73, 42.956,
112.555

78, 36.210,
298.237

72, 51.930,
111.911

78, 37.656,
299.434

72, 60.126,
111.387

79, 37.753,
300.730

72, 67.151,
111.048

79, 37.868,
302.027

71, 72.543,
110.973

79, 38.001,
303.324

71, 75.934,

79, 38.152,
304.619

Harmonies

Complementary

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



75, 3.785, 115.500



73, 3.834, 296.083

Rectangle

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



75, 3.785, 115.500



75, 3.785, 165.500



75, 3.785, 295.500



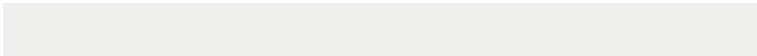
75, 3.785, 345.500

Sweetspot

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



75, 3.787, 115.517



95, 1.227, 115.713



73, 2.332, 31.867



50, 0.697, 115.717



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



75, 3.787, 115.517



94, 6.176, 115.421



75, 4.135, 133.469



39, 3.381, 115.383



60, 67.912, 111.397



9, 15.443, 117.844

Inverse Universe

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



73, 3.834, 296.083



91, 6.261, 296.184



73, 4.166, 313.703



37, 3.430, 296.225



18, 91.582, 306.917



1, 15.440, 294.439

Previews

White Background



This preview shows how the CIELCh color 75, 3.785, 115.500 looks on a white background.

Color Contrast Check

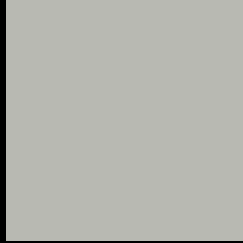
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 3.785, 115.500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

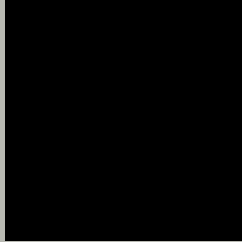
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

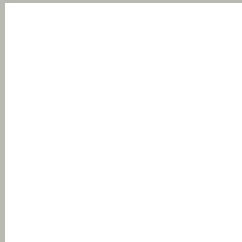
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 3.785, 115.500

Background



This preview shows how black text looks on a background with the CIELCh color 75, 3.785, 115.500.



This preview shows how white text looks on a background with the CIELCh color 75, 3.785, 115.500.

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, 3.785, 115.500

Protanopia

75, 4.198, 83.012

Deuteranopia

75, 9.966, 14.029



Tritanopia
75, 8.339, 303.461

Trichromacy



Original Color
75, 3.785, 115.500

Protanomaly
75, 3.920, 93.006

Deuteranomaly
75, 6.165, 29.842

Tritanomaly
75, 3.960, 306.684

Monochromacy



Original Color
75, 3.785, 115.500

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 1.070, 110.019

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 3.785, 115.500 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(184, 185, 178)` looks like.

```
.text, #text, p{  
    color:rgb(184, 185, 178)  
}
```

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(184, 185, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 185, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 3.785, 115.500 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(184, 185, 178) }
```

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

```
.border{ border-color:rgb(184, 185, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 185, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 185, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 185, 178);  
box-shadow:4px 4px 4px 4px rgb(184, 185,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 3.785, 115.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 185, 178) }
```

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

```
.background{ background-color: rgb(184,  
185, 178) }
```

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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