

Converting Colors

CIELCh(75, 3.858, 109.754)

Have a look what the booklet for
CIELCh(75, 3.858, 109.754) contains.

CIELCh(75, 3.761, 109.804)	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, 3.761, 109.804)

Conversions

Conversions Part 1

Format	Color
Hex	B9B9B2
RGB	185, 185, 178
RGB Percent	73%, 73%, 70%
CMY	0.2742, 0.2741, 0.3016
CMYK	0.00, 0.00, 0.04, 0.27
HSL	60°, 5%, 71%
HSV	60°, 4%, 73%
XYZ	45.4411, 48.2781, 49.0896
YIQ	184.2020, 2.2470, -2.1770

Conversions

Conversions Part 2

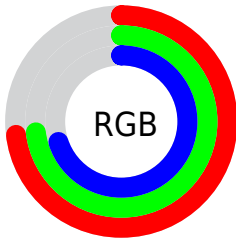
Format	Color
RYB	178, 185, 178
Decimal	12171698
CIELab	75.00, -1.27, 3.54
CIELCh	75, 3.761, 109.804
Yxy	48.2781, 0.3182, 0.3381
Android (android.graphics.Color)	4290361778 (0xFFB9B9B2)
YUV	184.2020, -3.0576, 0.6998
Hunter-Lab	69.4824, -4.8563, 6.7491

Details

The CIELCh color $75, 3.761, 109.804$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 3.810, 290.580$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 3.577, 109.878$, and $55, 4.003, 109.678$ is the 20% darker color. If you saturate the color by 10%, you get $75, 13.703, 108.880$, and if you desaturate by 10%, it is $75, 6.210, 290.788$.

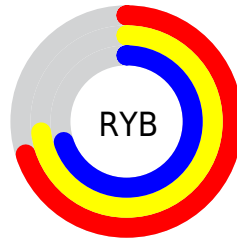
Distribution



Red (73%)

Green (73%)

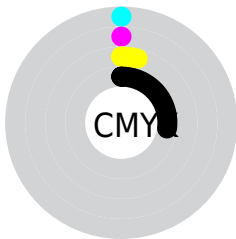
Blue (70%)



Red (70%)

Yellow (73%)

Blue (70%)

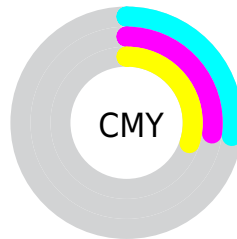


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 3.761, 109.804 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, 3.761, 109.804 by changing the saturation by 10% instead.

■ 75, 3.761, 109.804

■ 75, 3.761, 109.804

■ 100, 3.761,
109.804

■ 65, 3.761, 109.804

■ 95, 3.761, 109.804

■ 55, 3.761, 109.804

■ 45, 3.761, 109.804

■ 35, 3.761, 109.804

■ 25, 3.761, 109.804

■ 15, 3.761, 109.804

■ 5, 3.761, 109.804

■ 0, 3.761, 109.804

■ 75, 3.761, 109.804

■ 75, 3.761, 109.804

75, 13.703,
108.880

75, 6.210, 290.788

74, 23.555,
107.920

76, 16.181,
291.694

74, 33.237,
106.970

77, 26.123,
292.571

74, 42.619,
106.051

77, 36.020,
293.410

73, 51.503,
105.187

77, 37.551,
293.541

73, 59.593,
104.413

77, 37.551,
293.545

73, 66.486,
103.765

77, 37.551,
293.549

73, 71.716,
103.284

77, 37.551,
293.553

73, 74.921,

77, 37.551,
293.558

Harmonies

Complementary

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



75, 3.761, 109.804



73, 3.810, 290.580

Rectangle

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



75, 3.761, 109.804



75, 3.761, 159.804



75, 3.761, 289.804



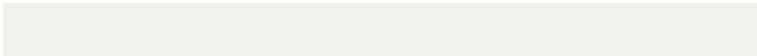
75, 3.761, 339.804

Sweetspot

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



75, 3.763, 109.824



95, 1.219, 110.041



73, 2.634, 19.434



50, 0.692, 110.043



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, 3.763, 109.824



94, 6.137, 109.704



75, 4.002, 128.934



39, 3.360, 109.656



62, 66.993, 102.882



10, 15.132, 108.870

Inverse Universe

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



73, 3.810, 290.580



91, 6.224, 290.708



73, 4.038, 309.204



37, 3.410, 290.760



17, 92.502, 306.289



1, 15.385, 290.311

Previews

White Background



This preview shows how the CIELCh color 75, 3.761, 109.804 looks on a white background.

Color Contrast Check

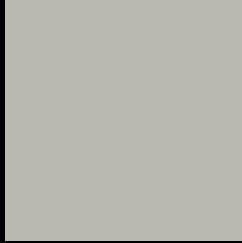
Large Text (above 18pt) WCAG AA × Fail

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, 3.761, 109.804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

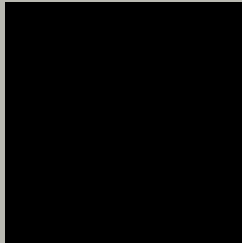
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

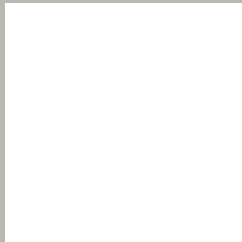
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 3.761, 109.804

Background



This preview shows how black text looks on a background with the CIELCh color 75, 3.761, 109.804.



This preview shows how white text looks on a background with the CIELCh color 75, 3.761, 109.804.

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, 3.761, 109.804

Protanopia

75, 4.198, 83.012

Deuteranopia

75, 9.942, 17.108



Tritanopia
75, 8.429, 305.870

Trichromacy



Original Color
75, 3.761, 109.804

Protanomaly
75, 4.043, 87.841

Deuteranomaly
75, 6.165, 29.842

Tritanomaly
75, 4.081, 311.643

Monochromacy



Original Color
75, 3.761, 109.804

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, 3.761, 109.804 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(185, 185, 178)` looks like.

```
.text, #text, p{  
    color:rgb(185, 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(185, 185, 178) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 75, 3.761, 109.804 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(185, 185, 178) }
```

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

```
.border{ border-color:rgb(185, 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(185, 185, 178)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 75, 3.761, 109.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(185,  
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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