

Converting Colors

CIELCh(75, 5.215, 130.808)

Have a look what the booklet for
CIELCh(75, 5.215, 130.808) contains.

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Color

CIELCh(75, 5.210, 130.809)

Conversions

Conversions Part 1

Format	Color
Hex	B5BAB1
RGB	181, 186, 177
RGB Percent	71%, 73%, 69%
CMY	0.2891, 0.2695, 0.3048
CMYK	0.03, 0.00, 0.05, 0.27
HSL	93°, 6%, 71%
HSV	93°, 5%, 73%
XYZ	44.7022, 48.2781, 48.7018
YIQ	183.4790, -0.0910, -3.8590

Conversions

Conversions Part 2

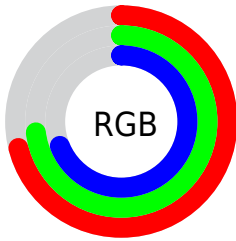
Format	Color
RYB	177, 186, 182
Decimal	11909809
CIELab	75.00, -3.40, 3.94
CIELCh	75, 5.210, 130.809
Yxy	48.2781, 0.3155, 0.3407
Android (android.graphics.Color)	4290099889 (0xFFB5BAB1)
YUV	183.4790, -3.1941, -2.1741
Hunter-Lab	69.4824, -6.7545, 7.0800

Details

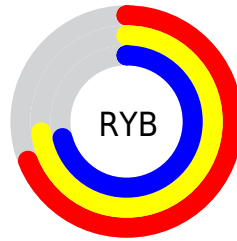
The CIELCh color **75, 5.210, 130.809** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73, 5.257, 311.168**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 4.955, 130.861**, and **55, 5.546, 130.728** is the 20% darker color. If you saturate the color by 10%, you get **74, 16.047, 130.358**, and if you desaturate by 10%, it is **76, 5.564, 311.172**.

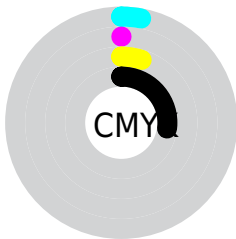
Distribution



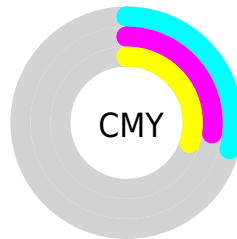
- Red (71%)
- Green (73%)
- Blue (69%)



- Red (69%)
- Yellow (73%)
- Blue (71%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (27%)



- Cyan (29%)
- Magenta (27%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 5.210, 130.809 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, 5.210, 130.809 by changing the saturation by 10% instead.

■ 75, 5.210, 130.809

■ 75, 5.210, 130.809

■ 100, 5.210,
130.809

■ 65, 5.210, 130.809

■ 95, 5.210, 130.809

■ 55, 5.210, 130.809

■ 45, 5.210, 130.809

■ 35, 5.210, 130.809

■ 25, 5.210, 130.809

■ 15, 5.210, 130.809

■ 5, 5.210, 130.809

■ 0, 5.210, 130.809

■ 75, 5.210, 130.809

■ 75, 5.210, 130.809

74, 16.047,
130.358

76, 5.564, 311.172

73, 26.867,
129.885

78, 16.230,
311.554

72, 37.569,
129.401

79, 26.749,
311.886

71, 48.005,
128.931

81, 37.095,
312.180

70, 57.964,
128.520

82, 39.818,
316.273

69, 67.150,
128.240

83, 41.216,
320.963

69, 75.161,
128.196

84, 42.857,
325.397

68, 81.540,
128.513

84, 43.071,
325.917

68, 85.931,

Harmonies

Complementary

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



75, 5.210, 130.809



73, 5.257, 311.168

Rectangle

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



75, 5.210, 130.809



75, 5.210, 180.809



75, 5.210, 310.809



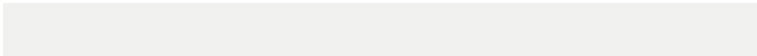
75, 5.210, 0.809

Sweetspot

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



75, 5.212, 130.815



95, 1.324, 131.068



74, 3.060, 79.934



51, 0.759, 131.077



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, 5.212, 130.815



95, 8.013, 130.756



75, 5.735, 145.577



40, 4.326, 130.735



58, 77.510, 129.577



9, 19.436, 134.778

Inverse Universe

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



73, 5.257, 311.168



91, 8.087, 311.227



73, 5.752, 326.032



38, 4.367, 311.247



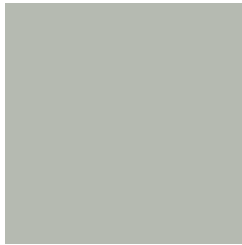
25, 86.161, 313.372



2, 18.260, 306.957

Previews

White Background



This preview shows how the CIELCh color 75, 5.210, 130.809 looks on a white background.

Color Contrast Check

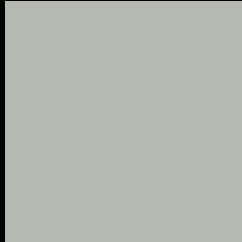
Large Text (above 18pt) WCAG AA × Fail

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, 5.210, 130.809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

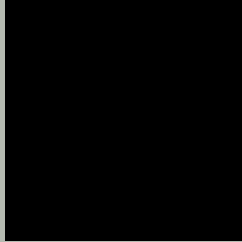
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

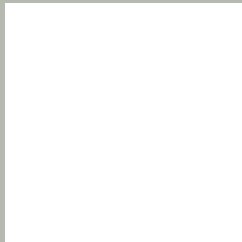
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 5.210, 130.809

Background



This preview shows how black text looks on a background with the CIELCh color 75, 5.210, 130.809.



This preview shows how white text looks on a background with the CIELCh color 75, 5.210, 130.809.

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, 5.210, 130.809

Protanopia

75, 4.851, 81.756

Deuteranopia

75, 9.942, 17.108



Tritanopia
75, 8.124, 293.484

Trichromacy



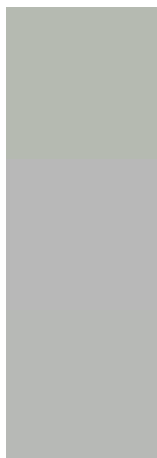
Original Color
75, 5.210, 130.809

Protanomaly
75, 4.888, 100.799

Deuteranomaly
75, 5.919, 35.564

Tritanomaly
75, 3.261, 284.067

Monochromacy



Original Color
75, 5.210, 130.809

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 1.780, 134.695

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 5.210, 130.809 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(181, 186, 177)` looks like.

```
.text, #text, p{  
    color:rgb(181, 186, 177)  
}
```

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(181, 186, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 186, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 5.210, 130.809 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(181, 186, 177) }
```

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

```
.border{ border-color:rgb(181, 186, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 186, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 186, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 186, 177); box-shadow:4px 4px 4px 4px rgb(181, 186, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 5.210, 130.809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 186, 177) }
```

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

```
.background{ background-color: rgb(181,  
186, 177) }
```

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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