

Converting Colors

CIELCh(73, 5.742, 209.621)

Have a look what the booklet for
CIELCh(73, 5.742, 209.621) contains.

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Color

CIELCh(73, 5.531, 210.413)

Conversions

Conversions Part 1

Format	Color
Hex	A7B6B8
RGB	167, 182, 184
RGB Percent	65%, 71%, 72%
CMY	0.3449, 0.2860, 0.2782
CMYK	0.09, 0.01, 0.00, 0.28
HSL	187°, 11%, 69%
HSV	187°, 9%, 72%
XYZ	41.3459, 45.1644, 51.9177
YIQ	177.7430, -9.5820, -2.5580

Conversions

Conversions Part 2

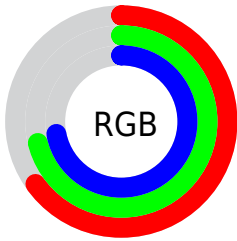
Format	Color
R_{YB}	167, 175, 184
Decimal	10991288
CIE _{Lab}	73.00, -4.77, -2.80
CIE _{LCh}	73, 5.531, 210.413
Yxy	45.1644, 0.2987, 0.3263
Android (android.graphics.Color)	4289181368 (0xFFA7B6B8)
YUV	177.7430, 3.0847, -9.4216
Hunter-Lab	67.2044, -7.7899, 1.2396

Details

The CIELCh color **73, 5.531, 210.413** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70, 5.868, 30.475**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 5.625, 209.747**, and **53, 5.469, 211.187** is the 20% darker color. If you saturate the color by 10%, you get **71, 11.193, 210.342**, and if you desaturate by 10%, it is **75, 0.467, 29.283**.

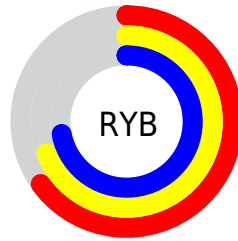
Distribution



Red (65%)

Green (71%)

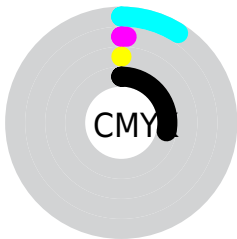
Blue (72%)



Red (65%)

Yellow (69%)

Blue (72%)

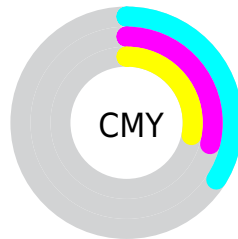


Cyan (9%)

Magenta (1%)

Yellow (0%)

Black (28%)



Cyan (34%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 5.531, 210.413 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 73, 5.531, 210.413 by changing the saturation by 10% instead.

■ 73, 5.531, 210.413

■ 73, 5.531, 210.413

■ 100, 5.531,
210.413

■ 63, 5.531, 210.413

■ 93, 5.531, 210.413

■ 53, 5.531, 210.413

■ 43, 5.531, 210.413

■ 33, 5.531, 210.413

■ 23, 5.531, 210.413

■ 13, 5.531, 210.413

■ 3, 5.531, 210.413

■ 0, 5.531, 210.413

■ 73, 5.531, 210.413

■ 73, 5.531, 210.413

71, 11.193,
210.342

75, 0.467, 29.283

69, 16.426,
210.441

77, 6.724, 30.494

68, 21.134,
210.697

79, 13.169, 30.758

66, 25.221,
211.141

83, 24.790, 31.887

65, 28.600,
211.811

84, 24.235, 34.735

64, 31.209,
212.752

84, 23.744, 37.712

63, 33.022,
214.012

85, 23.322, 40.807

62, 34.067,
215.635

85, 22.972, 44.007

61, 34.508,

217.605

Harmonies

Complementary

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



73, 5.531, 210.413



70, 5.868, 30.475

Rectangle

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



73, 5.531, 210.413



73, 5.531, 260.413



73, 5.531, 30.413



73, 5.531, 80.413

Sweetspot

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



73, 5.532, 210.395



94, 2.261, 210.634



73, 10.396, 147.246



50, 1.710, 210.567



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



73, 5.532, 210.395



92, 8.122, 210.370



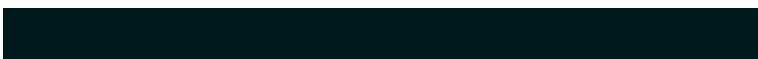
71, 6.155, 268.173



38, 3.385, 210.394



52, 30.525, 217.447



7, 8.966, 215.492

Inverse Universe

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



70, 10.413, 328.316



88, 15.386, 328.434



73, 6.189, 85.723



36, 6.374, 328.322



36, 72.948, 333.461



3, 16.693, 329.761

Previews

White Background



This preview shows how the CIELCh color 73, 5.531, 210.413 looks on a white background.

Color Contrast Check

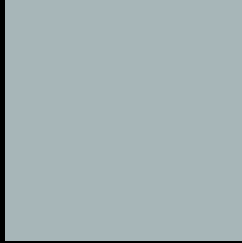
Large Text (above 18pt) WCAG AA × Fail

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 73, 5.531, 210.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

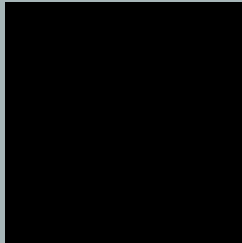
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

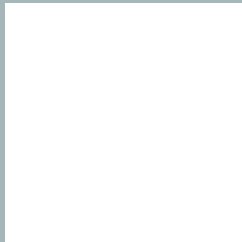
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 5.531, 210.413

Background



This preview shows how black text looks on a background with the CIELCh color 73, 5.531, 210.413.



This preview shows how white text looks on a background with the CIELCh color 73, 5.531, 210.413.

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

73, 5.531, 210.413

Protanopia

73, 2.461, 317.313

Deuteranopia

73, 9.657, 337.871



Tritanopia
73, 8.948, 265.126

Trichromacy



Original Color
73, 5.531, 210.413

Protanomaly
73, 2.426, 263.340

Deuteranomaly
73, 5.091, 321.164

Tritanomaly
73, 7.065, 249.566

Monochromacy



Original Color
73, 5.531, 210.413

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.920, 215.978

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 5.531, 210.413 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(167, 182, 184)` looks like.

```
.text, #text, p{  
    color:rgb(167, 182, 184)  
}
```

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(167, 182, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 182, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 5.531, 210.413 is called "border". The border property can be set on classes, ids or directly on the HTML element.

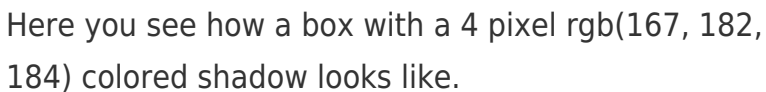
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 182, 184) }
```

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

```
.border{ border-color:rgb(167, 182, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 182, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 182, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 182, 184); box-shadow:4px 4px 4px 4px rgb(167, 182, 184) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 5.531, 210.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 182, 184) }
```

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

```
.background{ background-color: rgb(167,  
182, 184) }
```

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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