

Converting Colors

CIELCh(73, 4.137, 185.434)

Have a look what the booklet for
CIELCh(73, 4.137, 185.434) contains.

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Color

CIELCh(73, 4.210, 184.241)

Conversions

Conversions Part 1

Format	Color
Hex	ABB6B4
RGB	171, 182, 180
RGB Percent	67%, 71%, 71%
CMY	0.3311, 0.2880, 0.2958
CMYK	0.06, 0.00, 0.01, 0.29
HSL	169°, 7%, 69%
HSV	169°, 6%, 71%
XYZ	41.5333, 45.1644, 49.4763
YIQ	178.4830, -5.9140, -2.9540

Conversions

Conversions Part 2

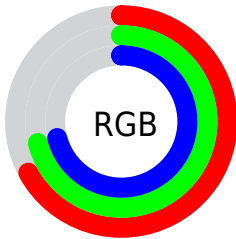
Format	Color
RYB	171, 177, 182
Decimal	11253428
CIELab	73.00, -4.20, -0.31
CIELCh	73, 4.210, 184.241
Yxy	45.1644, 0.3050, 0.3317
Android (android.graphics.Color)	4289443508 (0xFFABB6B4)
YUV	178.4830, 0.7479, -6.5626
Hunter-Lab	67.2044, -7.2922, 3.3935

Details

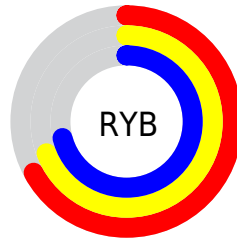
The CIELCh color $73, 4.210, 184.241$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 4.320, 5.062$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 4.347, 185.528$, and $53, 4.102, 182.680$ is the 20% darker color. If you saturate the color by 10%, you get $72, 11.005, 183.267$, and if you desaturate by 10%, it is $74, 2.776, 4.789$.

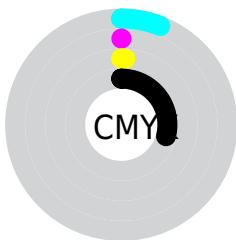
Distribution



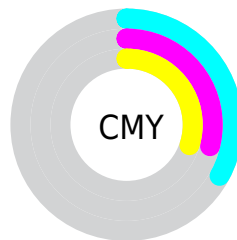
- Red (67%)
- Green (71%)
- Blue (71%)



- Red (67%)
- Yellow (69%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 4.210, 184.241 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, 4.210, 184.241 by changing the saturation by 10% instead.

■ 73, 4.210, 184.241

■ 73, 4.210, 184.241

■ 100, 4.210,
184.241

■ 63, 4.210, 184.241

■ 93, 4.210, 184.241

■ 53, 4.210, 184.241

■ 43, 4.210, 184.241

■ 33, 4.210, 184.241

■ 23, 4.210, 184.241

■ 13, 4.210, 184.241

■ 3, 4.210, 184.241

■ 0, 4.210, 184.241

■ 73, 4.210, 184.241

■ 73, 4.210, 184.241

72, 11.005,
183.267

74, 2.776, 4.789

70, 17.506,
182.321

76, 9.873, 5.735

69, 23.603,
181.332

78, 17.009, 6.551

68, 29.181,
180.281

81, 28.823, 6.632

68, 34.129,
179.148

81, 29.149, 3.279

67, 38.356,
177.913

81, 29.581, 0.018

67, 41.804,
176.554

81, 30.113,
356.868

66, 44.464,
175.050

81, 30.740,
353.844

66, 46.400,

173.390

Harmonies

Complementary

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



73, 4.210, 184.241



71, 4.320, 5.062

Rectangle

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



73, 4.210, 184.241



73, 4.210, 234.241



73, 4.210, 4.241



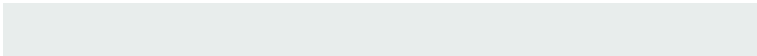
73, 4.210, 54.241

Sweetspot

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



73, 4.211, 184.224



93, 1.733, 184.795



73, 6.879, 139.062



50, 0.993, 184.822



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, 4.211, 184.224



93, 6.040, 184.115



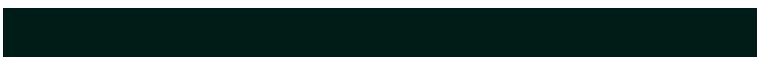
72, 3.318, 234.236



38, 3.175, 184.079



57, 41.882, 172.959



8, 11.461, 178.307

Inverse Universe

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



71, 4.320, 5.062



89, 6.221, 5.179



72, 3.416, 53.058



37, 3.275, 5.217



32, 64.550, 29.995



2, 10.863, 8.480

Previews

White Background



This preview shows how the CIELCh color 73, 4.210, 184.241 looks on a white background.

Color Contrast Check

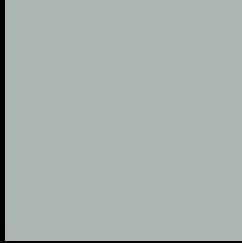
Large Text (above 18pt) WCAG AA × Fail

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, 4.210, 184.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

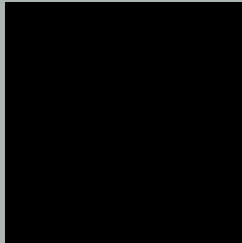
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

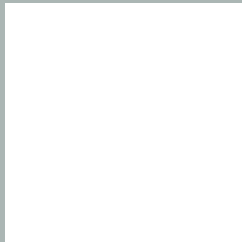
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 4.210, 184.241

Background



This preview shows how black text looks on a background with the CIELCh color 73, 4.210, 184.241.



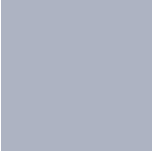
This preview shows how white text looks on a background with the CIELCh color 73, 4.210, 184.241.

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





Tritanopia
73, 8.383, 276.151

Trichromacy



Original Color
73, 4.210, 184.241

Protanomaly
73, 0.371, 200.743

Deuteranomaly
73, 4.354, 349.792

Tritanomaly
73, 5.628, 259.770

Monochromacy



Original Color
73, 4.210, 184.241

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.483, 199.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 4.210, 184.241 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(171, 182, 180)` looks like.

```
.text, #text, p{  
    color:rgb(171, 182, 180)  
}
```

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(171, 182, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 182, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 4.210, 184.241 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(171, 182, 180) }
```

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

```
.border{ border-color:rgb(171, 182, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 182, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 182, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 182, 180);  
box-shadow:4px 4px 4px 4px rgb(171, 182,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 4.210, 184.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 182, 180) }
```

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

```
.background{ background-color: rgb(171,  
182, 180) }
```

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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