

Converting Colors

CIELCh(73, 4.292, 216.662)

Have a look what the booklet for
CIELCh(73, 4.292, 216.662) contains.

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Color

CIELCh(73, 4.299, 221.519)

Conversions

Conversions Part 1

Format	Color
Hex	AAB5B8
RGB	170, 181, 184
RGB Percent	67%, 71%, 72%
CMY	0.3326, 0.2894, 0.2777
CMYK	0.08, 0.02, 0.00, 0.28
HSL	193°, 9%, 69%
HSV	193°, 8%, 72%
XYZ	41.8559, 45.1644, 51.9673
YIQ	178.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

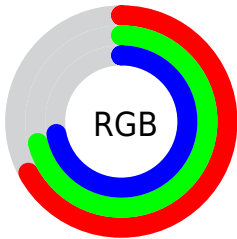
Format	Color
R_{YB}	170, 176, 184
Decimal	11187640
CIE _{Lab}	73.00, -3.22, -2.85
CIE _{LCh}	73, 4.299, 221.519
Yxy	45.1644, 0.3011, 0.3250
Android (android.graphics.Color)	4289377720 (0xFFAAB5B8)
YUV	178.0530, 2.9319, -7.0625
Hunter-Lab	67.2044, -6.4355, 1.1959

Details

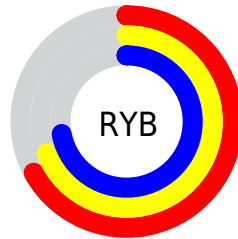
The CIELCh color **73, 4.299, 221.519** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72, 4.499, 40.814**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 4.426, 219.783**, and **53, 4.198, 223.608** is the 20% darker color. If you saturate the color by 10%, you get **71, 9.698, 221.898**, and if you desaturate by 10%, it is **75, 1.383, 40.687**.

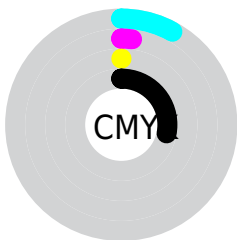
Distribution



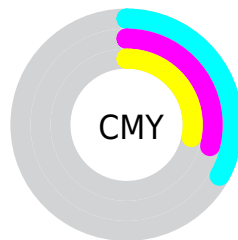
- Red (67%)
- Green (71%)
- Blue (72%)



- Red (67%)
- Yellow (69%)
- Blue (72%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



- Cyan (33%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 4.299, 221.519 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, 4.299, 221.519 by changing the saturation by 10% instead.

■ 73, 4.299, 221.519

■ 73, 4.299, 221.519

■ 100, 4.299,
221.519

■ 63, 4.299, 221.519

■ 93, 4.299, 221.519

■ 53, 4.299, 221.519

■ 43, 4.299, 221.519

■ 33, 4.299, 221.519

■ 23, 4.299, 221.519

■ 13, 4.299, 221.519

■ 3, 4.299, 221.519

■ 0, 4.299, 221.519

■ 73, 4.299, 221.519

■ 73, 4.299, 221.519

71, 9.698, 221.898

75, 1.383, 40.687

68, 14.738,
222.536

78, 7.282, 40.775

66, 19.337,
223.421

81, 13.343, 40.685

64, 23.414,
224.608

83, 19.521, 40.643

62, 26.893,
226.168

86, 22.541, 48.963

61, 29.720,
228.182

87, 22.319, 55.172

59, 31.880,
230.736

89, 22.687, 67.561

57, 33.413,
233.906

56, 34.456,
237.688

Harmonies

Complementary

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



73, 4.299, 221.519



72, 4.499, 40.814

Rectangle

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



73, 4.299, 221.519



73, 4.299, 271.519



73, 4.299, 41.519



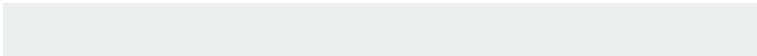
73, 4.299, 91.519

Sweetspot

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



73, 4.299, 221.495



94, 1.421, 221.616



74, 8.056, 150.081



50, 0.807, 221.636



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, 4.299, 221.495



92, 6.281, 221.537



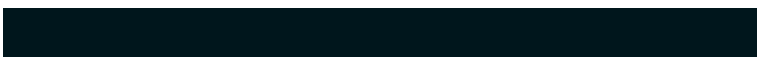
71, 5.539, 274.685



38, 3.182, 221.543



47, 30.567, 238.020



6, 8.520, 231.673

Inverse Universe

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



71, 8.001, 331.460



89, 11.745, 331.564



73, 5.519, 92.749



36, 5.954, 331.577



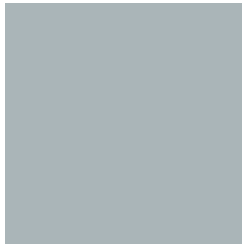
35, 67.843, 338.851



3, 15.184, 334.648

Previews

White Background



This preview shows how the CIELCh color 73, 4.299, 221.519 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, 4.299, 221.519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

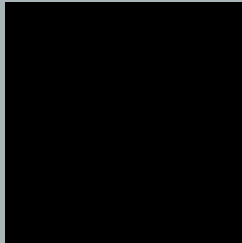
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

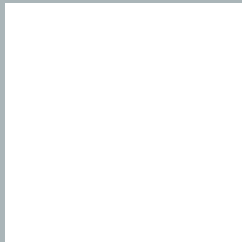
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 4.299, 221.519

Background



This preview shows how black text looks on a background with the CIELCh color 73, 4.299, 221.519.



This preview shows how white text looks on a background with the CIELCh color 73, 4.299, 221.519.

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, 4.299, 221.519

Protanopia

73, 2.461, 317.313

Deuteranopia

73, 9.657, 337.871



Tritanopia
73, 8.061, 270.169

Trichromacy



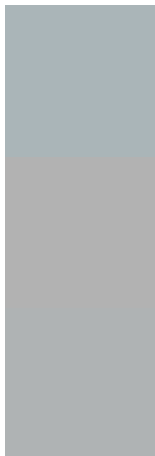
Original Color
73, 4.299, 221.519

Protanomaly
73, 2.288, 271.626

Deuteranomaly
73, 5.292, 324.630

Tritanomaly
73, 6.265, 259.584

Monochromacy



Original Color
73, 4.299, 221.519

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.571, 219.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 4.299, 221.519 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(170, 181, 184)` looks like.

```
.text, #text, p{  
    color:rgb(170, 181, 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(170, 181, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 181, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 4.299, 221.519 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(170, 181, 184) }
```

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

```
.border{ border-color:rgb(170, 181, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 181, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 181, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 181, 184);  
box-shadow:4px 4px 4px 4px rgb(170, 181,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 4.299, 221.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 181, 184) }
```

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

```
.background{ background-color: rgb(170,  
181, 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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