

Converting Colors

CIELCh(73, 4.255, 202.114)

Have a look what the booklet for
CIELCh(73, 4.255, 202.114) contains.

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Color

CIELCh(73, 4.394, 199.164)

Conversions

Conversions Part 1

Format	Color
Hex	AAB6B6
RGB	170, 182, 182
RGB Percent	67%, 71%, 71%
CMY	0.3348, 0.2878, 0.2878
CMYK	0.07, 0.00, 0.00, 0.29
HSL	180°, 8%, 69%
HSV	180°, 7%, 71%
XYZ	41.5491, 45.1644, 50.5762
YIQ	178.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

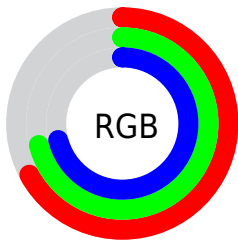
Format	Color
RYB	170, 176, 182
Decimal	11187894
CIELab	73.00, -4.15, -1.44
CIELCh	73, 4.394, 199.164
Yxy	45.1644, 0.3026, 0.3290
Android (android.graphics.Color)	4289377974 (0xFFAAB6B6)
YUV	178.4120, 1.7689, -7.3773
Hunter-Lab	67.2044, -7.2504, 2.4231

Details

The CIELCh color $73, 4.394, 199.164$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70, 4.578, 19.678$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 4.538, 199.241$, and $53, 4.273, 199.051$ is the 20% darker color. If you saturate the color by 10%, you get $72, 10.760, 198.560$, and if you desaturate by 10%, it is $74, 2.308, 19.354$.

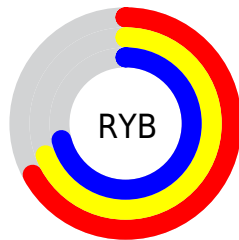
Distribution



Red (67%)

Green (71%)

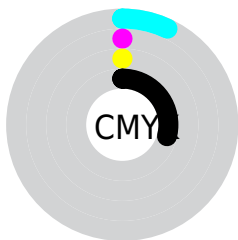
Blue (71%)



Red (67%)

Yellow (69%)

Blue (71%)

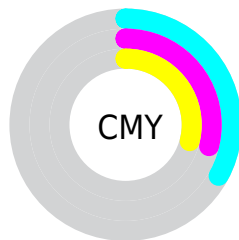


Cyan (7%)

Magenta (0%)

Yellow (0%)

Black (29%)



Cyan (33%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 4.394, 199.164 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, 4.394, 199.164 by changing the saturation by 10% instead.

■ 73, 4.394, 199.164

■ 73, 4.394, 199.164

■ 100, 4.394,
199.164

■ 63, 4.394, 199.164

■ 93, 4.394, 199.164

■ 53, 4.394, 199.164

■ 43, 4.394, 199.164

■ 33, 4.394, 199.164

■ 23, 4.394, 199.164

■ 13, 4.394, 199.164

■ 3, 4.394, 199.164

■ 0, 4.394, 199.164

■ 73, 4.394, 199.164

■ 73, 4.394, 199.164

72, 10.760,
198.560

74, 2.308, 19.354

71, 16.684,
198.071

76, 9.257, 20.099

70, 22.061,
197.642

78, 16.373, 20.722

69, 26.788,
197.272

81, 28.679, 21.779

68, 30.774,
196.966

81, 28.679, 21.775

68, 33.954,
196.724

81, 28.679, 21.771

67, 36.300,
196.546

81, 28.679, 21.767

67, 37.833,
196.430

81, 28.678, 21.762

67, 38.644,

Harmonies

Complementary

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



73, 4.394, 199.164



70, 4.578, 19.678

Rectangle

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



73, 4.394, 199.164



73, 4.394, 249.164



73, 4.394, 19.164



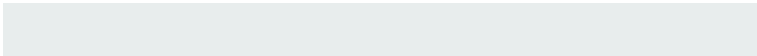
73, 4.394, 69.164

Sweetspot

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



73, 4.395, 199.144



93, 1.669, 199.650



73, 7.914, 143.662



50, 0.957, 199.676



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, 4.395, 199.144



92, 6.587, 199.041



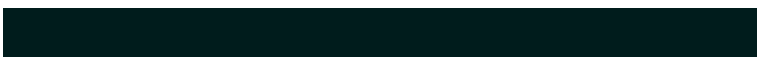
71, 3.861, 254.498



38, 3.777, 198.965



58, 34.649, 196.352



8, 10.519, 197.712

Inverse Universe

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



70, 4.578, 19.678



89, 6.928, 19.801



72, 3.919, 72.724



36, 4.004, 19.897



32, 71.862, 39.590



2, 10.638, 19.391

Previews

White Background



This preview shows how the CIELCh color 73, 4.394, 199.164 looks on a white background.

Color Contrast Check

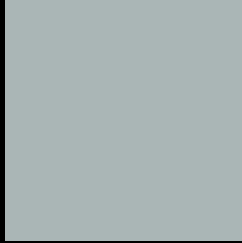
Large Text (above 18pt) WCAG AA × Fail

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, 4.394, 199.164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

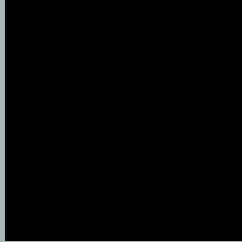
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

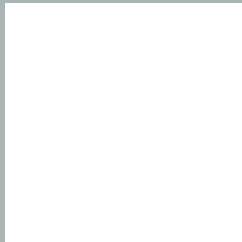
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 4.394, 199.164

Background



This preview shows how black text looks on a background with the CIELCh color 73, 4.394, 199.164.

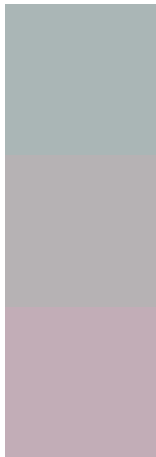


This preview shows how white text looks on a background with the CIELCh color 73, 4.394, 199.164.

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, 4.394, 199.164

Protanopia

73, 1.862, 343.625

Deuteranopia

73, 9.595, 345.837



Tritanopia
73, 8.061, 270.169

Trichromacy



Original Color
73, 4.394, 199.164

Protanomaly
73, 1.311, 255.945

Deuteranomaly
73, 4.708, 335.931

Tritanomaly
73, 5.587, 250.392

Monochromacy



Original Color
73, 4.394, 199.164

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, 4.394, 199.164 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, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(170, 182, 182)  
}
```

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, 182, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 182, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 4.394, 199.164 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, 182, 182) }
```

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

```
.border{ border-color:rgb(170, 182, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 182, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 182, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 182, 182);  
box-shadow:4px 4px 4px 4px rgb(170, 182,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 4.394, 199.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 182, 182) }
```

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

```
.background{ background-color: rgb(170,  
182, 182) }
```

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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