

Converting Colors

CIELCh(73, 1.305, 35.555)

Have a look what the booklet for
CIELCh(73, 1.305, 35.555) contains.

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Color

CIELCh(73, 1.500, 19.194)

Conversions

Conversions Part 1

Format	Color
Hex	B6B2B2
RGB	182, 178, 178
RGB Percent	71%, 70%, 70%
CMY	0.2851, 0.3008, 0.3008
CMYK	0.00, 0.02, 0.02, 0.29
HSL	0°, 3%, 71%
HSV	0°, 2%, 71%
XYZ	43.4047, 45.1644, 48.7037
YIQ	179.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

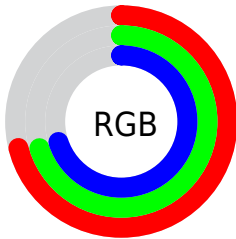
Format	Color
RYB	182, 178, 178
Decimal	11973298
CIELab	73.00, 1.42, 0.49
CIELCh	73, 1.500, 19.194
Yxy	45.1644, 0.3162, 0.3290
Android (android.graphics.Color)	4290163378 (0xFFB6B2B2)
YUV	179.1960, -0.5896, 2.4591
Hunter-Lab	67.2044, -2.3217, 4.0751

Details

The CIELCh color **73, 1.500, 19.194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74, 1.477, 199.701**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 1.425, 19.067**, and **53, 1.603, 19.335** is the 20% darker color. If you saturate the color by 10%, you get **68, 8.657, 20.204**, and if you desaturate by 10%, it is **78, 5.124, 199.185**.

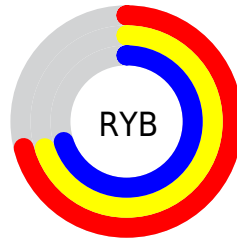
Distribution



Red (71%)

Green (70%)

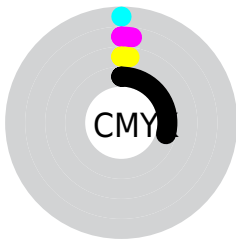
Blue (70%)



Red (71%)

Yellow (70%)

Blue (70%)

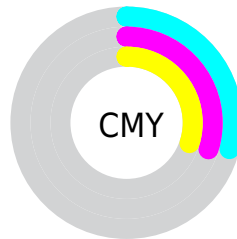


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (29%)



Cyan (29%)

Magenta (30%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 1.500, 19.194 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, 1.500, 19.194 by changing the saturation by 10% instead.

 73, 1.500, 19.194  73, 1.500, 19.194

100, 1.500, 19.194  63, 1.500, 19.194

 93, 1.500, 19.194  53, 1.500, 19.194

 43, 1.500, 19.194


 33, 1.500, 19.194

 23, 1.500, 19.194

 13, 1.500, 19.194

 3, 1.500, 19.194

 0, 1.500, 19.194

 73, 1.500, 19.194  73, 1.500, 19.194

68, 8.657, 20.204

78, 5.124, 199.185

63, 16.380, 21.083

84, 11.257,
198.720

58, 24.665, 22.201

89, 16.951,
198.376

53, 33.459, 23.652

49, 42.634, 25.541

94, 22.257,
198.104

45, 51.972, 27.973

95, 23.335,
197.979

42, 61.168, 30.999

40, 69.776, 34.482

38, 76.919, 37.823

Harmonies

Complementary

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



73, 1.500, 19.194



74, 1.477, 199.701

Rectangle

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



73, 1.500, 19.194



73, 1.500, 69.194



73, 1.500, 199.194



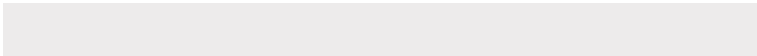
73, 1.500, 249.194

Sweetspot

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



73, 1.499, 19.259



93, 0.843, 18.790



73, 2.652, 324.470



50, 0.483, 18.747



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, 1.499, 19.259



92, 2.546, 19.406



74, 1.303, 74.895



38, 1.566, 19.493



32, 71.859, 39.610



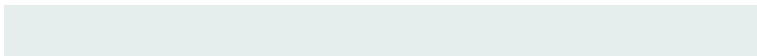
2, 10.632, 19.454

Inverse Universe

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



74, 1.477, 199.701



93, 2.496, 199.556



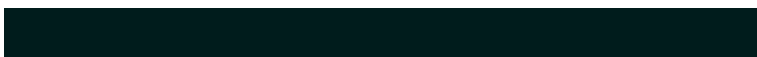
73, 1.309, 255.945



39, 1.529, 199.473



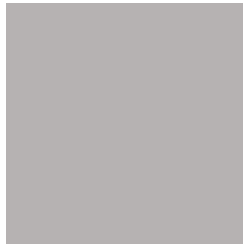
58, 34.604, 196.507



8, 10.505, 197.842

Previews

White Background



This preview shows how the CIELCh color 73, 1.500, 19.194 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, 1.500, 19.194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

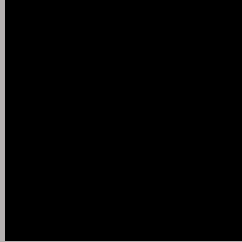
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

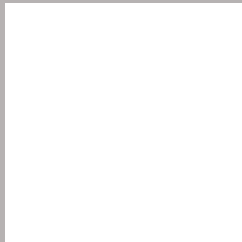
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 1.500, 19.194

Background



This preview shows how black text looks on a background with the CIELCh color 73, 1.500, 19.194.

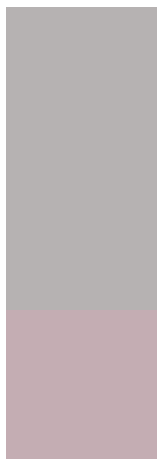


This preview shows how white text looks on a background with the CIELCh color 73, 1.500, 19.194.

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, 1.500, 19.194

Protanopia

73, 1.500, 19.194

Deuteranopia

73, 9.316, 359.809



Tritanopia
73, 8.195, 311.815

Trichromacy



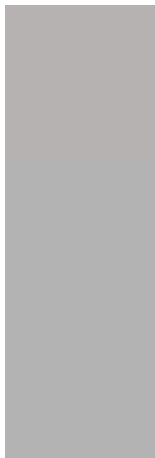
Original Color
73, 1.500, 19.194

Protanomaly
73, 1.500, 19.194

Deuteranomaly
73, 6.432, 0.231

Tritanomaly
73, 5.398, 314.836

Monochromacy



Original Color
73, 1.500, 19.194

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 0.374, 18.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 1.500, 19.194 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(182, 178, 178)` looks like.

```
.text, #text, p{  
    color:rgb(182, 178, 178)  
}
```

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(182, 178, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 178, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 1.500, 19.194 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(182, 178, 178) }
```

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

```
.border{ border-color:rgb(182, 178, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 178, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 178, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 178, 178);  
box-shadow:4px 4px 4px 4px rgb(182, 178,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 1.500, 19.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 178, 178) }
```

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

```
.background{ background-color: rgb(182,  
178, 178) }
```

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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