

Converting Colors

CIELCh(73, 1.636, 14.512)

Have a look what the booklet for
CIELCh(73, 1.636, 14.512) contains.

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Color

CIELCh(73, 1.877, 19.293)

Conversions

Conversions Part 1

Format	Color
Hex	B7B2B2
RGB	183, 178, 178
RGB Percent	72%, 70%, 70%
CMY	0.2821, 0.3016, 0.3017
CMYK	0.00, 0.03, 0.03, 0.28
HSL	0°, 3%, 71%
HSV	0°, 3%, 72%
XYZ	43.5249, 45.1644, 48.5825
YIQ	179.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

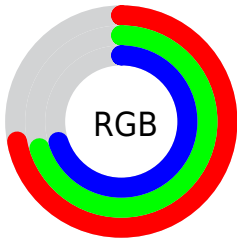
Format	Color
RYB	183, 178, 178
Decimal	12038834
CIELab	73.00, 1.77, 0.62
CIElCh	73, 1.877, 19.293
Yxy	45.1644, 0.3171, 0.3290
Android (android.graphics.Color)	4290228914 (0xFFB7B2B2)
YUV	179.4950, -0.7370, 3.0739
Hunter-Lab	67.2044, -2.0025, 4.1820

Details

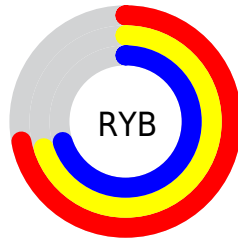
The CIELCh color $73, 1.877, 19.293$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $74, 1.843, 199.589$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 1.782, 19.178$, and $53, 2.006, 19.428$ is the 20% darker color. If you saturate the color by 10%, you get $68, 9.090, 20.234$, and if you desaturate by 10%, it is $78, 4.799, 199.203$.

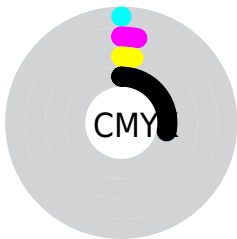
Distribution



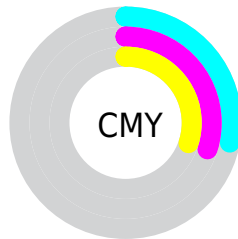
- Red (72%)
- Green (70%)
- Blue (70%)



- Red (72%)
- Yellow (70%)
- Blue (70%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (28%)



- Cyan (28%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 1.877, 19.293 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, 1.877, 19.293 by changing the saturation by 10% instead.

■ 73, 1.877, 19.293

■ 73, 1.877, 19.293

100, 1.877, 19.293

■ 63, 1.877, 19.293

■ 93, 1.877, 19.293

■ 53, 1.877, 19.293

■ 43, 1.877, 19.293

■ 33, 1.877, 19.293

■ 23, 1.877, 19.293

■ 13, 1.877, 19.293

■ 3, 1.877, 19.293

■ 0, 1.877, 19.293

■ 73, 1.877, 19.293

■ 73, 1.877, 19.293

68, 9.090, 20.234

78, 4.799, 199.203

63, 16.872, 21.125

84, 10.979,
198.726

58, 25.217, 22.259

89, 16.716,
198.378

53, 34.068, 23.732

49, 43.291, 25.651

94, 22.061,
198.101

45, 52.663, 28.117

96, 23.112,
197.993

42, 61.871, 31.178

40, 70.455, 34.678

39, 77.495, 37.982

Harmonies

Complementary

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



73, 1.877, 19.293



74, 1.843, 199.589

Rectangle

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



73, 1.877, 19.293



73, 1.877, 69.293



73, 1.877, 199.293



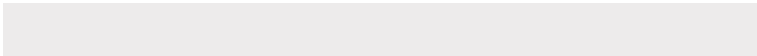
73, 1.877, 249.293

Sweetspot

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



73, 1.876, 19.345



93, 0.843, 18.777



73, 3.312, 324.517



50, 0.483, 18.733



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, 1.876, 19.345



92, 2.546, 19.393



74, 1.630, 74.883



38, 1.566, 19.480



32, 71.862, 39.608



2, 10.633, 19.444

Inverse Universe

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



74, 1.843, 199.589



93, 2.497, 199.543



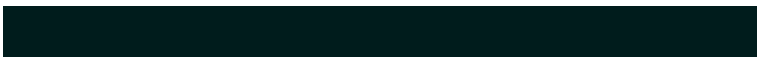
73, 1.633, 255.960



39, 1.530, 199.460



58, 34.612, 196.483



8, 10.508, 197.821

Previews

White Background



This preview shows how the CIELCh color 73, 1.877, 19.293 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, 1.877, 19.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

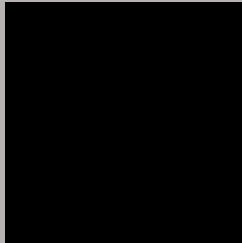
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

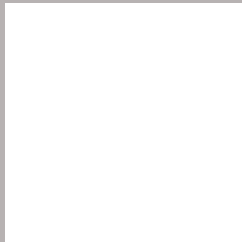
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 1.877, 19.293

Background



This preview shows how black text looks on a background with the CIELCh color 73, 1.877, 19.293.

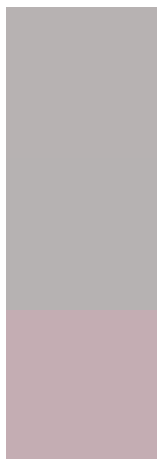


This preview shows how white text looks on a background with the CIELCh color 73, 1.877, 19.293.

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, 1.877, 19.293

Protanopia

73, 1.500, 19.194

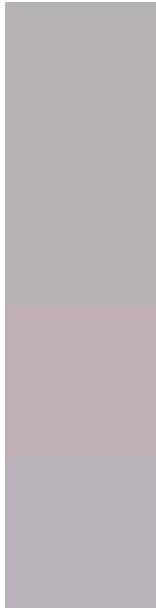
Deuteranopia

73, 9.316, 359.809



Tritanopia
73, 8.336, 314.180

Trichromacy



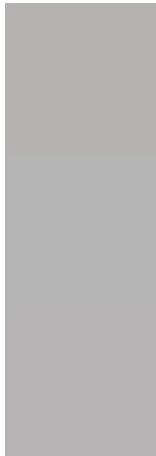
Original Color
73, 1.877, 19.293

Protanomaly
73, 1.500, 19.194

Deuteranomaly
73, 6.432, 0.231

Tritanomaly
73, 5.563, 318.315

Monochromacy



Original Color
73, 1.877, 19.293

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 0.748, 18.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 1.877, 19.293 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(183, 178, 178)` looks like.

```
.text, #text, p{  
    color:rgb(183, 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(183, 178, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 178, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 1.877, 19.293 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(183, 178, 178) }
```

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

```
.border{ border-color:rgb(183, 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(183, 178, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 178, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 178, 178); box-shadow:4px 4px 4px 4px rgb(183, 178, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 1.877, 19.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 178, 178) }
```

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

```
.background{ background-color: rgb(183,  
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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