

Converting Colors

CIELCh(73, 0.749, 18.786)

Have a look what the booklet for
CIELCh(73, 0.749, 18.786) contains.

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Color

CIELCh(73, 0.748, 18.789)

Conversions

Conversions Part 1

Format	Color
Hex	B5B3B3
RGB	181, 179, 179
RGB Percent	71%, 70%, 70%
CMY	0.2913, 0.2991, 0.2991
CMYK	0.00, 0.01, 0.01, 0.29
HSL	0°, 1%, 70%
HSV	0°, 1%, 71%
XYZ	43.1656, 45.1644, 48.9451
YIQ	179.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

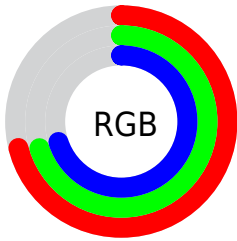
Format	Color
RYB	181, 179, 179
Decimal	11908019
CIELab	73.00, 0.71, 0.24
CIElCh	73, 0.748, 18.789
Yxy	45.1644, 0.3144, 0.3290
Android (android.graphics.Color)	4290098099 (0xFFB5B3B3)
YUV	179.5980, -0.2948, 1.2296
Hunter-Lab	67.2044, -2.9569, 3.8621

Details

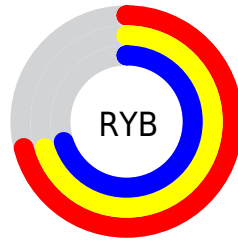
The CIELCh color $73, 0.748, 18.789$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 0.740, 200.167$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 0.711, 18.578$, and $53, 0.798, 18.999$ is the 20% darker color. If you saturate the color by 10%, you get $68, 7.789, 20.177$, and if you desaturate by 10%, it is $78, 5.769, 199.189$.

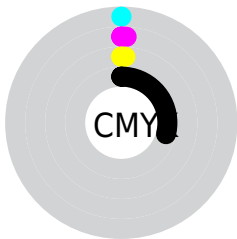
Distribution



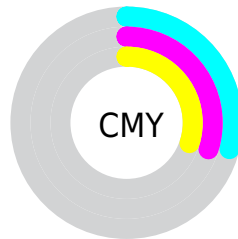
- Red (71%)
- Green (70%)
- Blue (70%)



- Red (71%)
- Yellow (70%)
- Blue (70%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 0.748, 18.789 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, 0.748, 18.789 by changing the saturation by 10% instead.

■ 73, 0.748, 18.789

■ 73, 0.748, 18.789

100, 0.748, 18.789

■ 63, 0.748, 18.789

■ 93, 0.748, 18.789

■ 53, 0.748, 18.789

■ 43, 0.748, 18.789

■ 33, 0.748, 18.789

■ 23, 0.748, 18.789

■ 13, 0.748, 18.789

■ 3, 0.748, 18.789

■ 0, 0.748, 18.789

■ 73, 0.748, 18.789

■ 73, 0.748, 18.789

68, 7.789, 20.177

78, 5.769, 199.189

63, 15.390, 21.034

84, 11.805,
198.746

58, 23.553, 22.116

89, 17.410,
198.413

53, 32.229, 23.521

49, 41.302, 25.349

94, 22.637,
198.149

45, 50.570, 27.708

95, 23.782,
197.951

42, 59.737, 30.659

40, 68.387, 34.097

38, 75.724, 37.495

Harmonies

Complementary

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



73, 0.748, 18.789



73, 0.740, 200.167

Rectangle

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



73, 0.748, 18.789



73, 0.748, 68.789



73, 0.748, 198.789



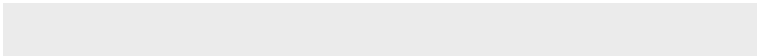
73, 0.748, 248.789

Sweetspot

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



73, 0.747, 18.917



93, 0.011, 296.813



73, 1.330, 324.322



49, 0.007, 296.813



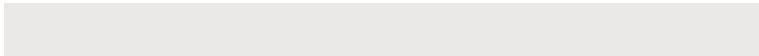
96, 0.011, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 0.747, 18.917



92, 0.835, 18.852



73, 0.647, 74.762



38, 0.379, 18.779



31, 70.909, 39.549



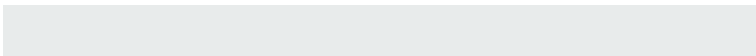
2, 9.145, 19.505

Inverse Universe

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



73, 0.740, 200.167



93, 0.827, 200.232



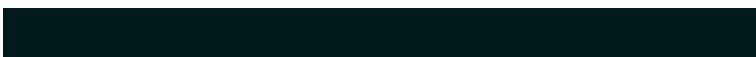
73, 0.659, 256.067



38, 0.375, 200.306



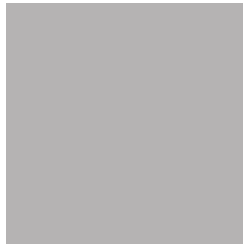
57, 34.151, 196.622



7, 9.115, 199.304

Previews

White Background



This preview shows how the CIELCh color 73, 0.748, 18.789 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, 0.748, 18.789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

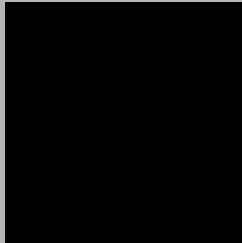
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

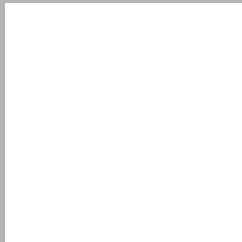
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 0.748, 18.789

Background



This preview shows how black text looks on a background with the CIELCh color 73, 0.748, 18.789.

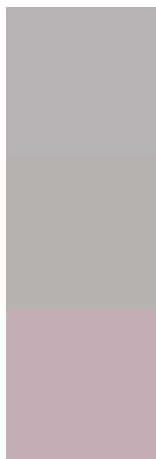


This preview shows how white text looks on a background with the CIELCh color 73, 0.748, 18.789.

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, 0.748, 18.789

Protanopia

73, 1.500, 19.194

Deuteranopia

73, 9.505, 356.736



Tritanopia
73, 7.949, 306.873

Trichromacy



Original Color

73, 0.748, 18.789

Protanomaly

73, 1.500, 19.194

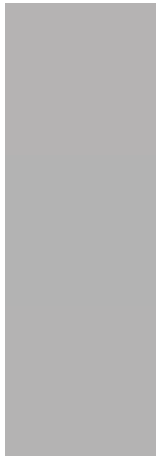
Deuteranomaly

73, 6.283, 354.352

Tritanomaly

73, 5.128, 307.307

Monochromacy



Original Color

73, 0.748, 18.789

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, 0.748, 18.789 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(181, 179, 179)` looks like.

```
.text, #text, p{  
    color:rgb(181, 179, 179)  
}
```

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(181, 179, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 179, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 0.748, 18.789 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(181, 179, 179) }
```

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

```
.border{ border-color:rgb(181, 179, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 179, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 179, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 179, 179);  
box-shadow:4px 4px 4px 4px rgb(181, 179,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 0.748, 18.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 179, 179) }
```

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

```
.background{ background-color: rgb(181,  
179, 179) }
```

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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