

Converting Colors

CIELCh(73, 1.486, 236.219)

Have a look what the booklet for
CIELCh(73, 1.486, 236.219) contains.

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Color

CIELCh(73, 1.569, 219.862)

Conversions

Conversions Part 1

Format	Color
Hex	B0B4B5
RGB	176, 180, 181
RGB Percent	69%, 71%, 71%
CMY	0.3101, 0.2944, 0.2905
CMYK	0.03, 0.01, 0.00, 0.29
HSL	192°, 3%, 70%
HSV	192°, 3%, 71%
XYZ	42.5244, 45.1644, 50.1495
YIQ	178.9180, -2.7050, -0.5370

Conversions

Conversions Part 2

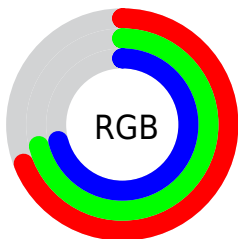
Format	Color
RYB	176, 178, 181
Decimal	11580597
CIELab	73.00, -1.20, -1.01
CIElCh	73, 1.569, 219.862
Yxy	45.1644, 0.3085, 0.3277
Android (android.graphics.Color)	4289770677 (0xFFB0B4B5)
YUV	178.9180, 1.0264, -2.5591
Hunter-Lab	67.2044, -4.6599, 2.7995

Details

The CIELCh color $73, 1.569, 219.862$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 1.592, 39.036$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 1.495, 219.938$, and $53, 1.309, 225.847$ is the 20% darker color. If you saturate the color by 10%, you get $71, 7.072, 219.863$, and if you desaturate by 10%, it is $75, 4.185, 39.151$.

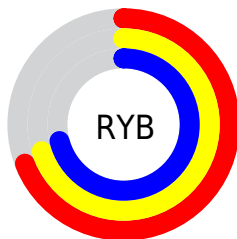
Distribution



Red (69%)

Green (71%)

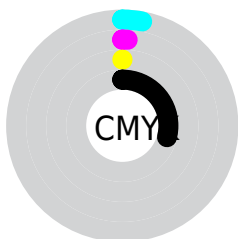
Blue (71%)



Red (69%)

Yellow (70%)

Blue (71%)

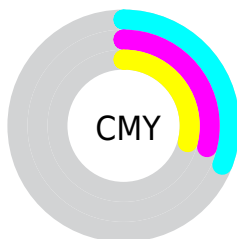


Cyan (3%)

Magenta (1%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (29%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 1.569, 219.862 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, 1.569, 219.862 by changing the saturation by 10% instead.

■ 73, 1.569, 219.862

■ 73, 1.569, 219.862

■ 100, 1.569,
219.862

■ 63, 1.569, 219.862

■ 93, 1.569, 219.862

■ 53, 1.569, 219.862

■ 43, 1.569, 219.862

■ 33, 1.569, 219.862

■ 23, 1.569, 219.862

■ 13, 1.569, 219.862

■ 3, 1.569, 219.862

■ 0, 1.569, 219.862

■ 73, 1.569, 219.862

■ 73, 1.569, 219.862

71, 7.072, 219.863

75, 4.185, 39.151

69, 12.249,
220.309

78, 10.131, 39.116

66, 17.022,
220.973

80, 16.216, 39.101

64, 21.307,
221.893

83, 22.398, 39.131

63, 25.021,
223.129

84, 24.296, 42.292

61, 28.097,
224.754

85, 23.803, 47.479

59, 30.495,
226.847

86, 23.517, 52.839

58, 32.221,
229.489

87, 23.447, 58.276

57, 33.344,
232.743

88, 23.593, 63.690

Harmonies

Complementary

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



73, 1.569, 219.862



72, 1.592, 39.036

Rectangle

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



73, 1.569, 219.862



73, 1.569, 269.862



73, 1.569, 39.862



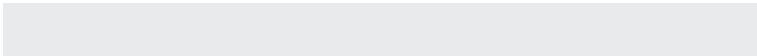
73, 1.569, 89.862

Sweetspot

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



73, 1.569, 219.792



93, 0.706, 220.295



73, 2.906, 149.883



49, 0.401, 220.343



96, 0.011, 296.813



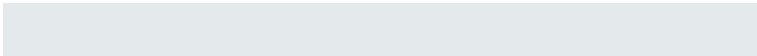
49, 0.007, 296.813

Same Dimension

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



73, 1.569, 219.792



92, 2.103, 219.769



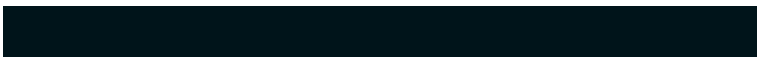
72, 1.945, 272.878



37, 1.270, 219.734



47, 29.958, 234.807



5, 7.509, 229.145

Inverse Universe

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



72, 2.888, 330.577



91, 3.874, 330.604



73, 1.929, 91.993



37, 2.343, 330.661



34, 67.761, 337.945



2, 13.332, 333.544

Previews

White Background



This preview shows how the CIELCh color 73, 1.569, 219.862 looks on a white background.

Color Contrast Check

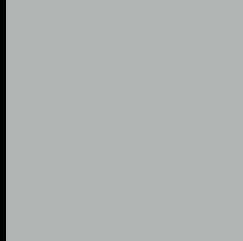
Large Text (above 18pt) WCAG AA × Fail

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, 1.569, 219.862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

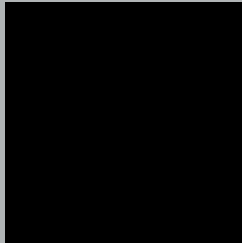
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

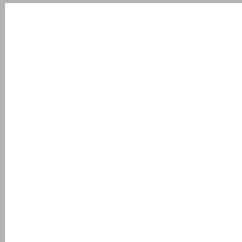
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 1.569, 219.862

Background



This preview shows how black text looks on a background with the CIELCh color 73, 1.569, 219.862.



This preview shows how white text looks on a background with the CIELCh color 73, 1.569, 219.862.

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, 1.569, 219.862

Protanopia

73, 1.862, 343.625

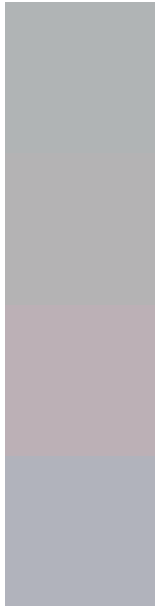
Deuteranopia

73, 9.633, 349.837



Tritanopia
73, 7.609, 290.918

Trichromacy



Original Color

73, 1.569, 219.862

Protanomaly

73, 0.670, 324.116

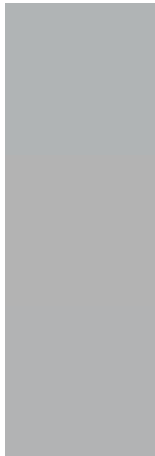
Deuteranomaly

73, 5.572, 344.103

Tritanomaly

73, 4.932, 282.166

Monochromacy



Original Color

73, 1.569, 219.862

Achromatopsia

73, 0.009, 296.813

Achromatomaly

73, 0.660, 256.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 1.569, 219.862 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(176, 180, 181)` looks like.

```
.text, #text, p{  
    color:rgb(176, 180, 181)  
}
```

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(176, 180, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 180, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 1.569, 219.862 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(176, 180, 181) }
```

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

```
.border{ border-color:rgb(176, 180, 181) }
```

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

Here you see how a box with a 4 pixel rgb(176, 180, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 180, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 180, 181);  
box-shadow:4px 4px 4px 4px rgb(176, 180,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 1.569, 219.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 180, 181) }
```

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

```
.background{ background-color: rgb(176,  
180, 181) }
```

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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