

Converting Colors

CIELCh(73, 12.665, 112.828)

Have a look what the booklet for
CIELCh(73, 12.665, 112.828)
contains.

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Color

CIELCh(73, 12.440, 112.553)

Conversions

Conversions Part 1

Format	Color
Hex	B3B59E
RGB	179, 181, 158
RGB Percent	70%, 71%, 62%
CMY	0.2976, 0.2897, 0.3799
CMYK	0.01, 0.00, 0.13, 0.29
HSL	65°, 13%, 67%
HSV	65°, 13%, 71%
XYZ	41.3455, 45.1644, 38.9372
YIQ	177.7800, 6.1910, -7.5770

Conversions

Conversions Part 2

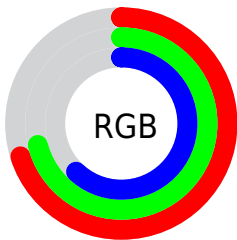
Format	Color
RYB	158, 181, 160
Decimal	11777438
CIELab	73.00, -4.77, 11.49
CIElCh	73, 12.440, 112.553
Yxy	45.1644, 0.3296, 0.3600
Android (android.graphics.Color)	4289967518 (0xFFB3B59E)
YUV	177.7800, -9.7515, 1.0699
Hunter-Lab	67.2044, -7.7910, 12.6914

Details

The CIELCh color **73, 12.440, 112.553** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66, 12.801, 294.738**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 12.345, 112.604**, and **53, 12.098, 112.630** is the 20% darker color. If you saturate the color by 10%, you get **72, 22.160, 111.729**, and if you desaturate by 10%, it is **74, 2.644, 113.372**.

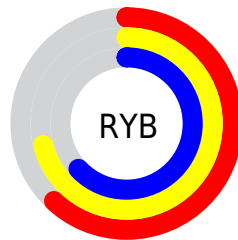
Distribution



Red (70%)

Green (71%)

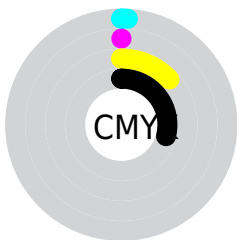
Blue (62%)



Red (62%)

Yellow (71%)

Blue (63%)

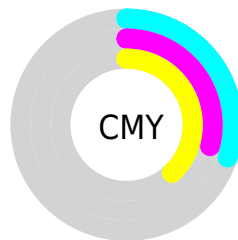


Cyan (1%)

Magenta (0%)

Yellow (13%)

Black (29%)



Cyan (30%)


Magenta (29%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 12.440, 112.553 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, 12.440, 112.553 by changing the saturation by 10% instead.


 73, 12.440,
112.553


 73, 12.440,
112.553


 100, 12.440,
112.553


 63, 12.440,
112.553


 93, 12.440,
112.553

 53, 12.440,
112.553

 43, 12.440,
112.553

 33, 12.440,
112.553

 23, 12.440,
112.553

 13, 12.440,
112.553

 3, 12.440, 112.553

0, 12.440, 112.553

73, 12.440,
112.553

73, 12.440,
112.553

72, 22.160,
111.729

74, 2.644, 113.372

72, 31.720,
110.905

74, 7.180, 294.188

72, 41.004,
110.111

75, 16.996,
294.958

71, 49.827,
109.377

76, 26.776,
295.696

71, 57.919,
108.745

76, 36.503,
296.397

71, 64.902,
108.270

77, 39.904,
297.095

77, 39.938,

■ 71, 70.324,
108.014

297.807

■ 70, 73.800,
108.032

■ 77, 39.977,
298.521

■ 70, 75.370,
108.181

■ 77, 40.022,
299.237

Harmonies

Complementary

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



73, 12.440, 112.553



66, 12.801, 294.738

Rectangle

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



73, 12.440, 112.553



73, 12.440, 162.553



73, 12.440, 292.553



73, 12.440, 342.553

Sweetspot

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



73, 12.442, 112.559



93, 4.836, 113.265



68, 8.314, 27.333



49, 3.435, 113.205



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, 12.442, 112.559



92, 18.120, 112.348



72, 13.518, 131.397



39, 5.614, 112.836



61, 67.352, 108.119



9, 15.280, 114.468

Inverse Universe

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



66, 12.801, 294.738



82, 18.749, 294.993



67, 13.713, 312.451



36, 5.736, 294.417



18, 92.018, 306.612



1, 15.409, 292.818

Previews

White Background



This preview shows how the CIELCh color 73, 12.440, 112.553 looks on a white background.

Color Contrast Check

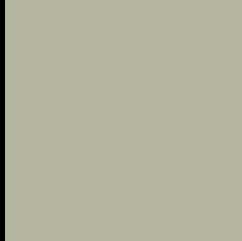
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 73, 12.440, 112.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

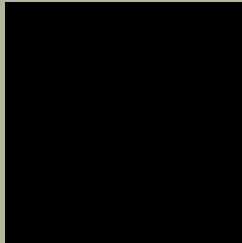
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

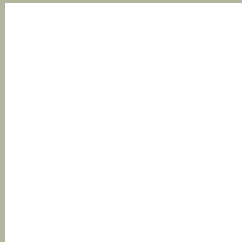
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 12.440, 112.553

Background



This preview shows how black text looks on a background with the CIELCh color 73, 12.440, 112.553.



This preview shows how white text looks on a background with the CIELCh color 73, 12.440, 112.553.

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, 12.440, 112.553

Protanopia

73, 12.287, 94.165

Deuteranopia

73, 13.874, 50.483



Tritanopia
73, 8.195, 311.815

Trichromacy



Original Color
73, 12.440, 112.553

Protanomaly
73, 12.507, 101.753

Deuteranomaly
73, 11.637, 71.661

Tritanomaly
73, 1.500, 19.194

Monochromacy



Original Color
73, 12.440, 112.553

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.348, 114.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 12.440, 112.553 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(179, 181, 158)` looks like.

```
.text, #text, p{  
    color:rgb(179, 181, 158)  
}
```

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(179, 181, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 181, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 12.440, 112.553 is called "border". The border property can be set on classes, ids or directly on the HTML element.

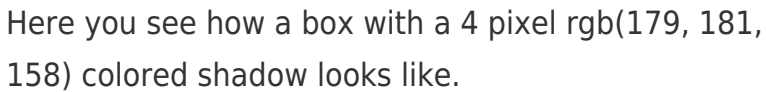
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 181, 158) }
```

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

```
.border{ border-color:rgb(179, 181, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 181, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 181, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 181, 158);  
box-shadow:4px 4px 4px 4px rgb(179, 181,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 12.440, 112.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 181, 158) }
```

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

```
.background{ background-color: rgb(179,  
181, 158) }
```

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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