

Converting Colors

CIELCh(73, 7.467, 117.513)

Have a look what the booklet for
CIELCh(73, 7.467, 117.513) contains.

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Color

CIELCh(73, 7.659, 118.043)

Conversions

Conversions Part 1

Format	Color
Hex	B2B5A7
RGB	178, 181, 167
RGB Percent	70%, 71%, 65%
CMY	0.3029, 0.2911, 0.3460
CMYK	0.02, 0.00, 0.08, 0.29
HSL	73°, 9%, 68%
HSV	73°, 8%, 71%
XYZ	41.7299, 45.1644, 42.9594
YIQ	178.5070, 2.7060, -4.9900

Conversions

Conversions Part 2

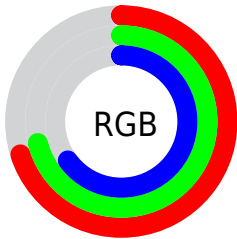
Format	Color
RYB	167, 181, 170
Decimal	11711911
CIELab	73.00, -3.60, 6.76
CIELCh	73, 7.659, 118.043
Yxy	45.1644, 0.3214, 0.3478
Android (android.graphics.Color)	4289901991 (0xFFB2B5A7)
YUV	178.5070, -5.6730, -0.4446
Hunter-Lab	67.2044, -6.7700, 9.1429

Details

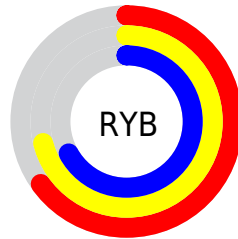
The CIELCh color $73, 7.659, 118.043$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $69, 7.794, 299.074$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 7.789, 117.567$, and $53, 7.592, 118.553$ is the 20% darker color. If you saturate the color by 10%, you get $72, 17.526, 117.386$, and if you desaturate by 10%, it is $74, 2.243, 298.688$.

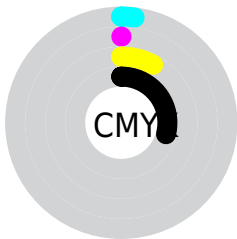
Distribution



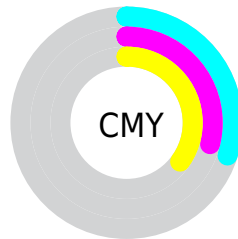
- Red (70%)
- Green (71%)
- Blue (65%)



- Red (65%)
- Yellow (71%)
- Blue (67%)



- Cyan (2%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)



- Cyan (30%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 7.659, 118.043 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, 7.659, 118.043 by changing the saturation by 10% instead.

■ 73, 7.659, 118.043

■ 73, 7.659, 118.043

■ 100, 7.659,
118.043

■ 63, 7.659, 118.043

■ 93, 7.659, 118.043

■ 53, 7.659, 118.043

■ 43, 7.659, 118.043

■ 33, 7.659, 118.043

■ 23, 7.659, 118.043

■ 13, 7.659, 118.043

■ 3, 7.659, 118.043

■ 0, 7.659, 118.043

■ 73, 7.659, 118.043

■ 73, 7.659, 118.043

72, 17.526,
117.386

74, 2.243, 298.688

72, 27.287,
116.718

75, 12.139,
299.313

71, 36.847,
116.067

75, 21.995,
299.902

71, 46.059,
115.464

76, 31.787,
300.456

70, 54.705,
114.955

77, 40.372,
301.122

70, 62.470,
114.604

78, 40.543,
302.882

69, 68.937,
114.496

78, 40.748,
304.642

69, 73.670,
114.723

78, 40.989,
306.400

69, 76.523,

79, 41.265,
308.152

Harmonies

Complementary

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



73, 7.659, 118.043



69, 7.794, 299.074

Rectangle

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



73, 7.659, 118.043



73, 7.659, 168.043



73, 7.659, 298.043



73, 7.659, 348.043

Sweetspot

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



73, 7.661, 118.051



93, 2.438, 118.428



70, 4.551, 39.219



49, 1.385, 118.436



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, 7.661, 118.051



92, 11.003, 117.958



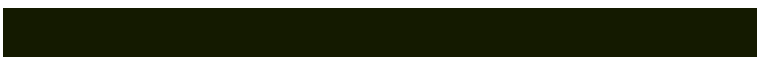
72, 8.478, 135.428



38, 5.544, 117.947



59, 68.110, 115.327



8, 13.632, 121.822

Inverse Universe

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



69, 7.794, 299.074



86, 11.222, 299.176



70, 8.540, 316.033



35, 5.656, 299.188



18, 89.711, 307.491



1, 13.423, 296.664

Previews

White Background



This preview shows how the CIELCh color 73, 7.659, 118.043 looks on a white background.

Color Contrast Check

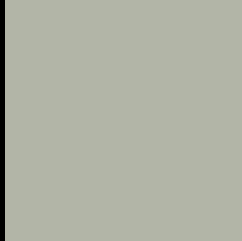
Large Text (above 18pt) WCAG AA × Fail

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, 7.659, 118.043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

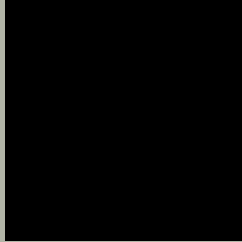
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

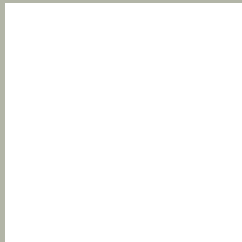
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 7.659, 118.043

Background



This preview shows how black text looks on a background with the CIELCh color 73, 7.659, 118.043.



This preview shows how white text looks on a background with the CIELCh color 73, 7.659, 118.043.

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, 7.659, 118.043

Protanopia

73, 7.018, 86.902

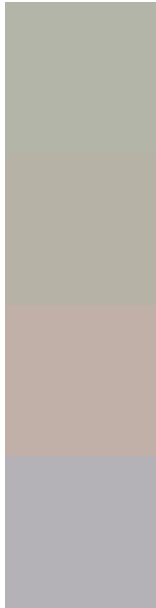
Deuteranopia

73, 10.862, 34.565



Tritanopia
73, 7.773, 301.695

Trichromacy



Original Color
73, 7.659, 118.043

Protanomaly
73, 7.115, 100.151

Deuteranomaly
73, 7.547, 54.665

Tritanomaly
73, 2.312, 309.115

Monochromacy



Original Color
73, 7.659, 118.043

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.732, 117.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 7.659, 118.043 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(178, 181, 167)` looks like.

```
.text, #text, p{  
    color:rgb(178, 181, 167)  
}
```

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(178, 181, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 181, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 7.659, 118.043 is called "border". The border property can be set on classes, ids or directly on the HTML element.

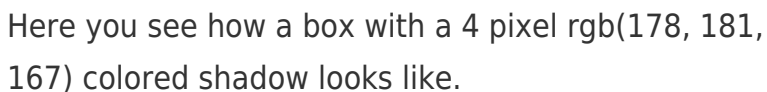
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 181, 167) }
```

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

```
.border{ border-color:rgb(178, 181, 167) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 181, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 181, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 181, 167); box-shadow:4px 4px 4px 4px rgb(178, 181, 167) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 7.659, 118.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 181, 167) }
```

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

```
.background{ background-color: rgb(178,  
181, 167) }
```

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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