

Converting Colors

CIELCh(73, 7.663, 107.981)

Have a look what the booklet for
CIELCh(73, 7.663, 107.981) contains.

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Color

CIELCh(73, 7.571, 106.525)

Conversions

Conversions Part 1

Format	Color
Hex	B5B4A6
RGB	181, 180, 166
RGB Percent	71%, 71%, 65%
CMY	0.2906, 0.2945, 0.3494
CMYK	0.00, 0.01, 0.08, 0.29
HSL	56°, 9%, 68%
HSV	56°, 8%, 71%
XYZ	42.2085, 45.1644, 42.5229
YIQ	178.7030, 5.0900, -4.1420

Conversions

Conversions Part 2

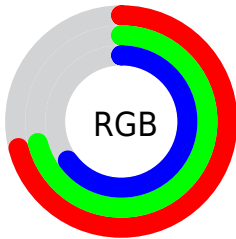
Format	Color
RYB	167, 181, 166
Decimal	11908262
CIELab	73.00, -2.15, 7.26
CIElCh	73, 7.571, 106.525
Yxy	45.1644, 0.3249, 0.3477
Android (android.graphics.Color)	4290098342 (0xFFB5B4A6)
YUV	178.7030, -6.2626, 2.0145
Hunter-Lab	67.2044, -5.4988, 9.5280

Details

The CIELCh color $73, 7.571, 106.525$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $69, 7.704, 288.261$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 7.710, 106.856$, and $53, 7.494, 106.071$ is the 20% darker color. If you saturate the color by 10%, you get $72, 16.699, 105.524$, and if you desaturate by 10%, it is $74, 1.572, 287.598$.

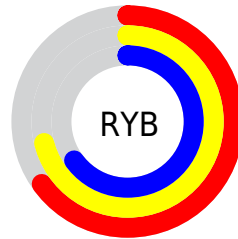
Distribution



Red (71%)

Green (71%)

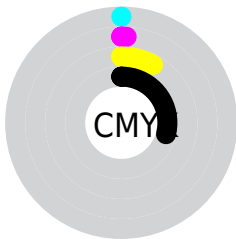
Blue (65%)



Red (65%)

Yellow (71%)

Blue (65%)

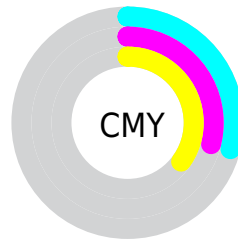


Cyan (0%)

Magenta (1%)

Yellow (8%)

Black (29%)



Cyan (29%)

Magenta (29%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 7.571, 106.525 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, 7.571, 106.525 by changing the saturation by 10% instead.

■ 73, 7.571, 106.525

■ 73, 7.571, 106.525

■ 100, 7.571,
106.525

■ 63, 7.571, 106.525

■ 93, 7.571, 106.525

■ 53, 7.571, 106.525

■ 43, 7.571, 106.525

■ 33, 7.571, 106.525

■ 23, 7.571, 106.525

■ 13, 7.571, 106.525

■ 3, 7.571, 106.525

■ 0, 7.571, 106.525

■ 73, 7.571, 106.525

■ 73, 7.571, 106.525

■ 72, 16.699,
105.524

■ 74, 1.572, 287.598

■ 72, 25.755,
104.498

■ 75, 10.700,
288.520

■ 71, 34.656,
103.475

■ 75, 19.792,
289.449

■ 70, 43.263,
102.472

■ 76, 28.833,
290.341

■ 70, 51.360,
101.511

■ 77, 37.093,
291.077

■ 69, 58.622,
100.617

■ 78, 36.422,
290.372

■ 69, 64.600, 99.815

■ 78, 35.757,
289.643

■ 69, 68.798, 99.126

■ 78, 35.098,
288.888

■ 68, 71.059, 98.544

■ 79, 34.445,
288.106

Harmonies

Complementary

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



73, 7.571, 106.525



69, 7.704, 288.261

Rectangle

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



73, 7.571, 106.525



73, 7.571, 156.525



73, 7.571, 286.525



73, 7.571, 336.525

Sweetspot

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



73, 7.573, 106.536



93, 2.248, 107.128



69, 5.781, 14.423



49, 1.277, 107.136



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, 7.573, 106.536



92, 11.284, 106.348



73, 8.502, 126.332



37, 5.117, 106.434



58, 63.126, 98.510



8, 12.008, 105.813

Inverse Universe

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



69, 7.704, 288.261



86, 11.515, 288.474



69, 8.621, 307.089



35, 5.214, 288.376



18, 88.153, 305.289



1, 12.636, 288.048

Previews

White Background



This preview shows how the CIELCh color 73, 7.571, 106.525 looks on a white background.

Color Contrast Check

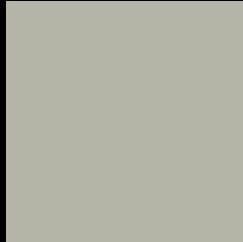
Large Text (above 18pt) WCAG AA × Fail

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, 7.571, 106.525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

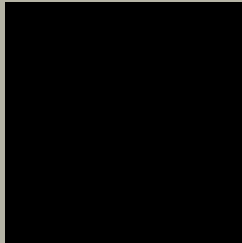
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

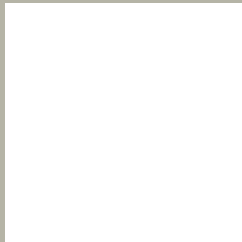
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 7.571, 106.525

Background



This preview shows how black text looks on a background with the CIELCh color 73, 7.571, 106.525.



This preview shows how white text looks on a background with the CIELCh color 73, 7.571, 106.525.

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, 7.571, 106.525

Protanopia

73, 7.670, 85.680

Deuteranopia

73, 11.417, 36.671



Tritanopia
73, 8.195, 311.815

Trichromacy



Original Color
73, 7.571, 106.525

Protanomaly
73, 7.800, 95.099

Deuteranomaly
73, 8.517, 54.565

Tritanomaly
73, 3.142, 335.787

Monochromacy



Original Color
73, 7.571, 106.525

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.723, 101.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 7.571, 106.525 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, 180, 166)` looks like.

```
.text, #text, p{  
    color:rgb(181, 180, 166)  
}
```

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, 180, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 180, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 7.571, 106.525 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, 180, 166) }
```

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

```
.border{ border-color:rgb(181, 180, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 180, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 180, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 180, 166);  
box-shadow:4px 4px 4px 4px rgb(181, 180,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 7.571, 106.525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 180, 166) }
```

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

```
.background{ background-color: rgb(181,  
180, 166) }
```

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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