

Converting Colors

CIELCh(73, 7.442, 120.466)

Have a look what the booklet for
CIELCh(73, 7.442, 120.466) contains.

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Color

CIELCh(73, 7.730, 120.825)

Conversions

Conversions Part 1

Format	Color
Hex	B1B5A7
RGB	177, 181, 167
RGB Percent	69%, 71%, 65%
CMY	0.3060, 0.2903, 0.3452
CMYK	0.02, 0.00, 0.08, 0.29
HSL	77°, 9%, 68%
HSV	77°, 8%, 71%
XYZ	41.6114, 45.1644, 43.0665
YIQ	178.2080, 2.1100, -5.2020

Conversions

Conversions Part 2

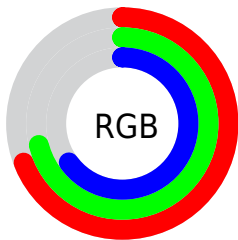
Format	Color
RYB	167, 181, 171
Decimal	11646375
CIELab	73.00, -3.96, 6.64
CIELCh	73, 7.730, 120.825
Yxy	45.1644, 0.3205, 0.3478
Android (android.graphics.Color)	4289836455 (0xFFB1B5A7)
YUV	178.2080, -5.5255, -1.0594
Hunter-Lab	67.2044, -7.0849, 9.0485

Details

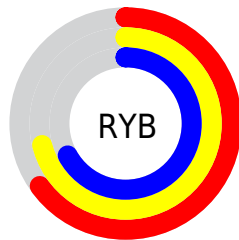
The CIELCh color $73, 7.730, 120.825$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $69, 7.857, 301.726$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 7.852, 120.167$, and $53, 7.675, 121.547$ is the 20% darker color. If you saturate the color by 10%, you get $72, 17.710, 120.239$, and if you desaturate by 10%, it is $74, 2.272, 301.380$.

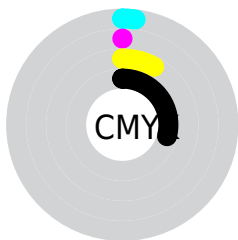
Distribution



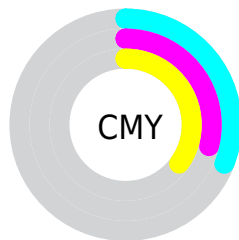
- Red (69%)
- Green (71%)
- Blue (65%)



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



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



- Cyan (31%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 7.730, 120.825 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, 7.730, 120.825 by changing the saturation by 10% instead.

■ 73, 7.730, 120.825

■ 73, 7.730, 120.825

■ 100, 7.730,
120.825

■ 63, 7.730, 120.825

■ 93, 7.730, 120.825

■ 53, 7.730, 120.825

■ 43, 7.730, 120.825

■ 33, 7.730, 120.825

■ 23, 7.730, 120.825

■ 13, 7.730, 120.825

■ 3, 7.730, 120.825

■ 0, 7.730, 120.825

■ 73, 7.730, 120.825

■ 73, 7.730, 120.825

72, 17.710,
120.239

74, 2.272, 301.380

71, 27.594,
119.643

75, 12.256,
301.937

71, 37.287,
119.063

76, 22.184,
302.450

70, 46.642,
118.531

77, 32.033,
302.928

70, 55.442,
118.096

78, 40.506,
303.632

69, 63.376,
117.830

78, 40.809,
305.988

69, 70.031,
117.828

79, 41.175,
308.333

68, 74.974,
118.195

79, 41.604,
310.659

68, 78.058,

80, 42.096,
312.959

118.979

Harmonies

Complementary

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



73, 7.730, 120.825



69, 7.857, 301.726

Rectangle

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



73, 7.730, 120.825



73, 7.730, 170.825



73, 7.730, 300.825



73, 7.730, 350.825

Sweetspot

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



73, 7.732, 120.832



93, 2.460, 121.175



71, 4.401, 48.945



49, 1.397, 121.182



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, 7.732, 120.832



92, 11.107, 120.749



72, 8.686, 137.989



37, 5.597, 120.739



58, 69.427, 118.985



8, 13.823, 125.026

Inverse Universe

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



69, 7.857, 301.726



86, 11.313, 301.816



70, 8.734, 318.621



35, 5.702, 301.827



19, 88.744, 308.277



1, 13.496, 298.791

Previews

White Background



This preview shows how the CIELCh color 73, 7.730, 120.825 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, 7.730, 120.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

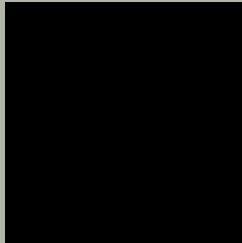
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 7.730, 120.825

Background



This preview shows how black text looks on a background with the CIELCh color 73, 7.730, 120.825.



This preview shows how white text looks on a background with the CIELCh color 73, 7.730, 120.825.

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, 7.730, 120.825

Protanopia

73, 7.018, 86.902

Deuteranopia

73, 10.716, 31.818



Tritanopia
73, 7.773, 301.695

Trichromacy



Original Color
73, 7.730, 120.825

Protanomaly
73, 7.115, 100.151

Deuteranomaly
73, 7.547, 54.665

Tritanomaly
73, 2.312, 309.115

Monochromacy



Original Color
73, 7.730, 120.825

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, 7.730, 120.825 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(177, 181, 167)` looks like.

```
.text, #text, p{  
    color:rgb(177, 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(177, 181, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 181, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 7.730, 120.825 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(177, 181, 167) }
```

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

```
.border{ border-color:rgb(177, 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(177, 181, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 181, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 181, 167);  
box-shadow:4px 4px 4px 4px rgb(177, 181,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 7.730, 120.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 181, 167) }
```

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

```
.background{ background-color: rgb(177,  
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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