

Converting Colors

CIELCh(73, 6.879, 153.195)

Have a look what the booklet for
CIELCh(73, 6.879, 153.195) contains.

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Color

CIELCh(73, 6.667, 151.953)

Conversions

Conversions Part 1

Format	Color
Hex	AAB6AD
RGB	170, 182, 173
RGB Percent	67%, 71%, 68%
CMY	0.3323, 0.2852, 0.3206
CMYK	0.07, 0.00, 0.05, 0.29
HSL	135°, 8%, 69%
HSV	135°, 7%, 71%
XYZ	40.9822, 45.1644, 46.2236
YIQ	177.3860, -4.2630, -5.3430

Conversions

Conversions Part 2

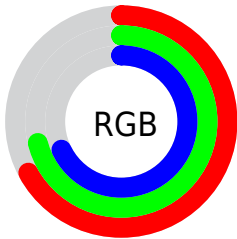
Format	Color
RYB	170, 180, 182
Decimal	11187885
CIELab	73.00, -5.88, 3.13
CIElCh	73, 6.667, 151.953
Yxy	45.1644, 0.3096, 0.3412
Android (android.graphics.Color)	4289377965 (0xFFAAB6AD)
YUV	177.3860, -2.1623, -6.4775
Hunter-Lab	67.2044, -8.7559, 6.2631

Details

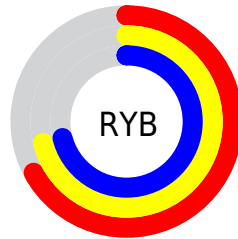
The CIELCh color $73, 6.667, 151.953$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 6.695, 332.713$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 6.960, 151.324$, and $53, 6.409, 152.685$ is the 20% darker color. If you saturate the color by 10%, you get $71, 16.879, 151.189$, and if you desaturate by 10%, it is $75, 3.440, 332.458$.

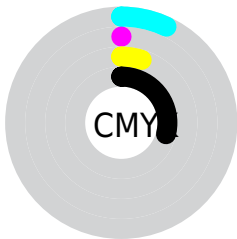
Distribution



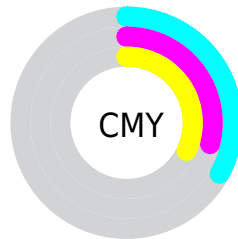
- Red (67%)
- Green (71%)
- Blue (68%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 6.667, 151.953 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, 6.667, 151.953 by changing the saturation by 10% instead.

■ 73, 6.667, 151.953

■ 73, 6.667, 151.953

■ 100, 6.667,
151.953

■ 63, 6.667, 151.953

■ 93, 6.667, 151.953

■ 53, 6.667, 151.953

■ 43, 6.667, 151.953

■ 33, 6.667, 151.953

■ 23, 6.667, 151.953

■ 13, 6.667, 151.953

■ 3, 6.667, 151.953

■ 0, 6.667, 151.953

■ 73, 6.667, 151.953

■ 73, 6.667, 151.953

71, 16.879,
151.189

75, 3.440, 332.458

70, 27.076,
150.336

77, 13.366,
333.083

69, 37.115,
149.355

79, 23.049,
333.587

68, 46.820,
148.224

81, 32.455,
334.029

67, 55.995,
146.929

82, 40.194,
331.791

66, 64.433,
145.461

83, 45.566,
326.002

65, 71.940,
143.833

65, 78.351,
142.083

65, 83.560,

140.300

Harmonies

Complementary

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



73, 6.667, 151.953



71, 6.695, 332.713

Rectangle

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



73, 6.667, 151.953



73, 6.667, 201.953



73, 6.667, 331.953



73, 6.667, 21.953

Sweetspot

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



73, 6.669, 151.951



93, 2.494, 152.355



74, 6.574, 118.864



50, 1.429, 152.370



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



73, 6.669, 151.951



92, 10.042, 151.835



73, 4.781, 177.813



38, 5.781, 151.745



56, 75.293, 139.995



8, 16.632, 149.935

Inverse Universe

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



71, 6.695, 332.713



89, 10.082, 332.822



71, 4.885, 358.829



36, 5.804, 332.906



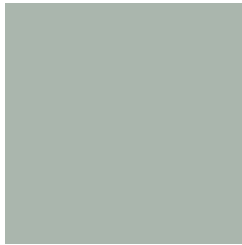
35, 66.138, 341.136



3, 14.691, 336.565

Previews

White Background



This preview shows how the CIELCh color 73, 6.667, 151.953 looks on a white background.

Color Contrast Check

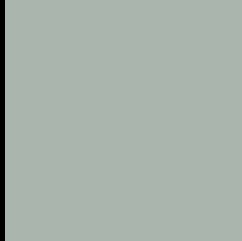
Large Text (above 18pt) WCAG AA × Fail

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, 6.667, 151.953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

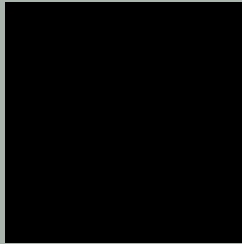
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

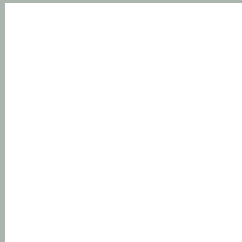
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 6.667, 151.953

Background



This preview shows how black text looks on a background with the CIELCh color 73, 6.667, 151.953.



This preview shows how white text looks on a background with the CIELCh color 73, 6.667, 151.953.

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

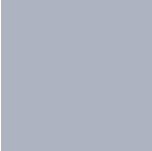
73, 6.667, 151.953

Protanopia

73, 4.408, 78.524

Deuteranopia

73, 9.635, 13.769



Tritanopia
73, 7.779, 277.589

Trichromacy



Original Color
73, 6.667, 151.953

Protanomaly
73, 4.343, 114.744

Deuteranomaly
73, 4.685, 33.012

Tritanomaly
73, 4.101, 252.076

Monochromacy



Original Color
73, 6.667, 151.953

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.875, 150.457

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 6.667, 151.953 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(170, 182, 173)` looks like.

```
.text, #text, p{  
    color:rgb(170, 182, 173)  
}
```

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(170, 182, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 182, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 6.667, 151.953 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(170, 182, 173) }
```

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

```
.border{ border-color:rgb(170, 182, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 182, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 182, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 182, 173);  
box-shadow:4px 4px 4px 4px rgb(170, 182,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 6.667, 151.953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 182, 173) }
```

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

```
.background{ background-color: rgb(170,  
182, 173) }
```

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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