

Converting Colors

CIELCh(73, 5.547, 163.184)

Have a look what the booklet for
CIELCh(73, 5.547, 163.184) contains.

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Color

CIELCh(73, 5.553, 163.181)

Conversions

Conversions Part 1

Format	Color
Hex	AAB6B0
RGB	170, 182, 176
RGB Percent	67%, 71%, 69%
CMY	0.3331, 0.2861, 0.3096
CMYK	0.07, 0.00, 0.03, 0.29
HSL	150°, 8%, 69%
HSV	150°, 7%, 71%
XYZ	41.1676, 45.1644, 47.6477
YIQ	177.7280, -5.2260, -4.4100

Conversions

Conversions Part 2

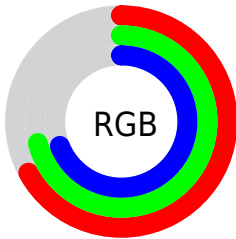
Format	Color
RYB	170, 178, 182
Decimal	11187888
CIELab	73.00, -5.32, 1.61
CIElCh	73, 5.553, 163.181
Yxy	45.1644, 0.3073, 0.3371
Android (android.graphics.Color)	4289377968 (0xFFAAB6B0)
YUV	177.7280, -0.8519, -6.7775
Hunter-Lab	67.2044, -8.2636, 5.0068

Details

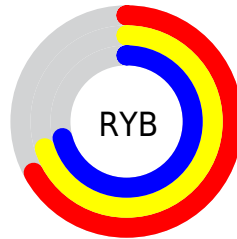
The CIELCh color $73, 5.553, 163.181$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 5.610, 344.115$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 5.566, 165.397$, and $53, 5.251, 165.528$ is the 20% darker color. If you saturate the color by 10%, you get $72, 13.985, 162.250$, and if you desaturate by 10%, it is $75, 2.870, 343.775$.

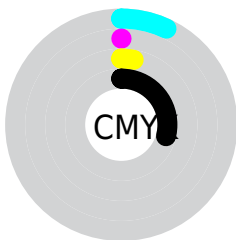
Distribution



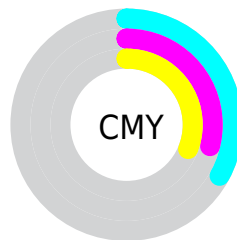
- Red (67%)
- Green (71%)
- Blue (69%)



- Red (67%)
- Yellow (70%)
- Blue (71%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (33%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 5.553, 163.181 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, 5.553, 163.181 by changing the saturation by 10% instead.

■ 73, 5.553, 163.181

■ 73, 5.553, 163.181

■ 100, 5.553,
163.181

■ 63, 5.553, 163.181

■ 93, 5.553, 163.181

■ 53, 5.553, 163.181

■ 43, 5.553, 163.181

■ 33, 5.553, 163.181

■ 23, 5.553, 163.181

■ 13, 5.553, 163.181

■ 3, 5.553, 163.181

■ 0, 5.553, 163.181

■ 73, 5.553, 163.181

■ 73, 5.553, 163.181

72, 13.985,
162.250

75, 2.870, 343.775

70, 22.322,
161.256

76, 11.211,
344.605

69, 30.445,
160.149

78, 19.411,
345.292

68, 38.219,
158.902

80, 27.429,
345.921

67, 45.503,
157.491

82, 33.507,
344.007

66, 52.166,
155.893

82, 36.374,
337.839

66, 58.104,
154.091

82, 39.631,
332.699

65, 63.268,
152.079

83, 43.184,
328.443

65, 67.689,

83, 45.696,
326.006

149.890

Harmonies

Complementary

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



73, 5.553, 163.181



71, 5.610, 344.115

Rectangle

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



73, 5.553, 163.181



73, 5.553, 213.181



73, 5.553, 343.181



73, 5.553, 33.181

Sweetspot

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



73, 5.555, 163.175



93, 2.081, 163.703



73, 6.867, 128.210



50, 1.193, 163.723



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, 5.555, 163.175



92, 8.358, 163.031



73, 4.401, 197.747



38, 4.808, 162.920



56, 61.149, 149.469



8, 14.441, 157.617

Inverse Universe

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



71, 5.610, 344.115



89, 8.453, 344.258



71, 4.579, 18.335



36, 4.869, 344.369



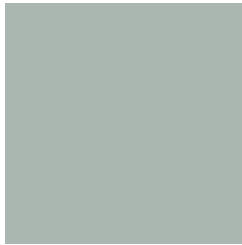
33, 58.651, 1.368



3, 12.209, 350.783

Previews

White Background



This preview shows how the CIE LCh color 73, 5.553, 163.181 looks on a white background.

Color Contrast Check

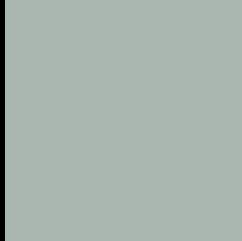
Large Text (above 18pt) WCAG AA × Fail

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, 5.553, 163.181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

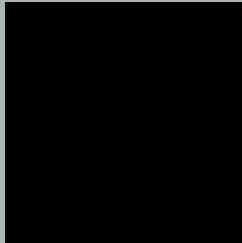
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

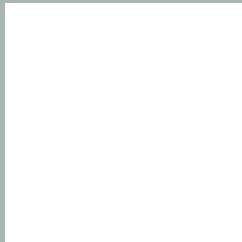
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 5.553, 163.181

Background



This preview shows how black text looks on a background with the CIELCh color 73, 5.553, 163.181.



This preview shows how white text looks on a background with the CIELCh color 73, 5.553, 163.181.

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](#).

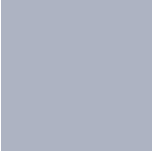
Dichromacy



Original Color
73, 5.553, 163.181

Protanopia
73, 2.859, 68.492

Deuteranopia
73, 9.524, 3.729



Tritanopia
73, 8.383, 276.151

Trichromacy



Original Color
73, 5.553, 163.181

Protanomaly
73, 2.197, 119.787

Deuteranomaly
73, 4.195, 12.233

Tritanomaly
73, 4.740, 252.787

Monochromacy



Original Color
73, 5.553, 163.181

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.851, 163.673

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 5.553, 163.181 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(170, 182, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 182, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 5.553, 163.181 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, 176) }
```

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

```
.border{ border-color:rgb(170, 182, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 182, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 182, 176);  
box-shadow:4px 4px 4px 4px rgb(170, 182,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 5.553, 163.181 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, 176) }
```

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

```
.background{ background-color: rgb(170,  
182, 176) }
```

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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