

Converting Colors

CIELCh(73, 6.459, 185.119)

Have a look what the booklet for
CIELCh(73, 6.459, 185.119) contains.

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Color

CIELCh(73, 6.460, 184.336)

Conversions

Conversions Part 1

Format	Color
Hex	A6B7B4
RGB	166, 183, 180
RGB Percent	65%, 72%, 71%
CMY	0.3497, 0.2831, 0.2948
CMYK	0.09, 0.00, 0.02, 0.28
HSL	169°, 11%, 68%
HSV	169°, 9%, 72%
XYZ	40.8011, 45.1644, 49.6474
YIQ	177.5750, -9.1690, -4.5370

Conversions

Conversions Part 2

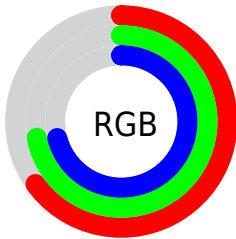
Format	Color
RYB	166, 175, 183
Decimal	10926004
CIELab	73.00, -6.44, -0.49
CIELCh	73, 6.460, 184.336
Yxy	45.1644, 0.3009, 0.3330
Android (android.graphics.Color)	4289116084 (0xFFA6B7B4)
YUV	177.5750, 1.1955, -10.1513
Hunter-Lab	67.2044, -9.2371, 3.2425

Details

The CIELCh color $73, 6.460, 184.336$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70, 6.717, 5.827$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 6.494, 185.266$, and $53, 6.479, 183.219$ is the 20% darker color. If you saturate the color by 10%, you get $72, 13.189, 183.393$, and if you desaturate by 10%, it is $74, 0.496, 4.135$.

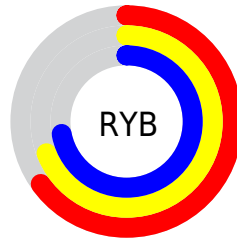
Distribution



Red (65%)

Green (72%)

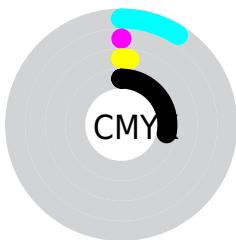
Blue (71%)



Red (65%)

Yellow (69%)

Blue (72%)

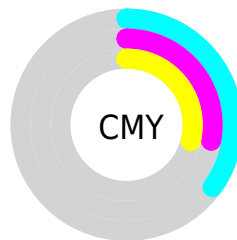


Cyan (9%)

Magenta (0%)

Yellow (2%)

Black (28%)



Cyan (35%)

Magenta (28%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 6.460, 184.336 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, 6.460, 184.336 by changing the saturation by 10% instead.

■ 73, 6.460, 184.336

■ 73, 6.460, 184.336

■ 100, 6.460,
184.336

■ 63, 6.460, 184.336

■ 93, 6.460, 184.336

■ 53, 6.460, 184.336

■ 43, 6.460, 184.336

■ 33, 6.460, 184.336

■ 23, 6.460, 184.336

■ 13, 6.460, 184.336

■ 3, 6.460, 184.336

■ 0, 6.460, 184.336

■ 73, 6.460, 184.336

■ 73, 6.460, 184.336

72, 13.189,
183.393

74, 0.496, 4.135

71, 19.582,
182.444

76, 7.594, 5.873

70, 25.528,
181.446

78, 14.755, 6.705

69, 30.909,
180.383

81, 28.213, 7.749

68, 35.622,
179.235

81, 28.500, 4.391

67, 39.582,
177.980

81, 28.889, 1.116

67, 42.747,
176.598

82, 29.378,
357.945

67, 45.129,
175.067

82, 29.961,
354.894

67, 46.883,

173.411

Harmonies

Complementary

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



73, 6.460, 184.336



70, 6.717, 5.827

Rectangle

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



73, 6.460, 184.336



73, 6.460, 234.336



73, 6.460, 4.336



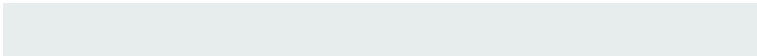
73, 6.460, 54.336

Sweetspot

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



73, 6.461, 184.325



93, 2.593, 185.017



73, 10.644, 138.895



50, 1.981, 184.901



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, 6.461, 184.325



92, 9.417, 184.147



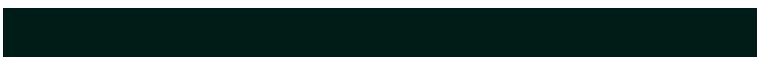
72, 5.091, 234.470



38, 3.950, 184.321



57, 41.602, 173.531



8, 11.419, 178.830

Inverse Universe

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



70, 6.717, 5.827



87, 9.868, 6.026



71, 5.337, 52.878



36, 4.107, 5.831



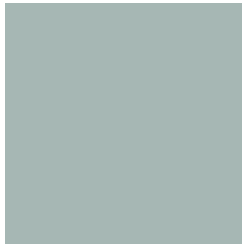
32, 64.778, 30.385



2, 10.850, 8.796

Previews

White Background



This preview shows how the CIELCh color 73, 6.460, 184.336 looks on a white background.

Color Contrast Check

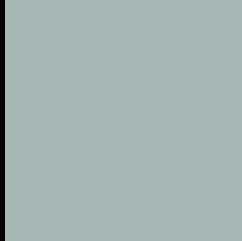
Large Text (above 18pt) WCAG AA × Fail

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, 6.460, 184.336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

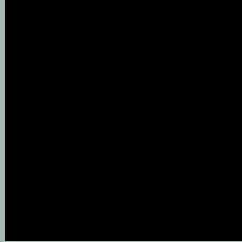
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

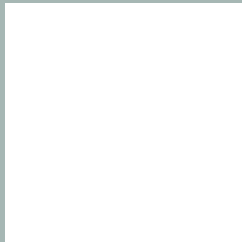
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 6.460, 184.336

Background



This preview shows how black text looks on a background with the CIELCh color 73, 6.460, 184.336.



This preview shows how white text looks on a background with the CIELCh color 73, 6.460, 184.336.

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](#).

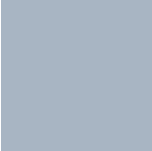
Dichromacy



Original Color
73, 6.460, 184.336

Protanopia
73, 1.590, 39.103

Deuteranopia
73, 9.633, 349.837



Tritanopia
73, 8.788, 259.317

Trichromacy



Original Color
73, 6.460, 184.336

Protanomaly
73, 1.849, 163.675

Deuteranomaly
73, 3.421, 340.177

Tritanomaly
73, 6.516, 234.867

Monochromacy



Original Color
73, 6.460, 184.336

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.296, 185.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 6.460, 184.336 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(166, 183, 180)` looks like.

```
.text, #text, p{  
    color:rgb(166, 183, 180)  
}
```

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(166, 183, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 183, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 6.460, 184.336 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(166, 183, 180) }
```

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

```
.border{ border-color:rgb(166, 183, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 183, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 183, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 183, 180);  
box-shadow:4px 4px 4px 4px rgb(166, 183,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 6.460, 184.336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 183, 180) }
```

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

```
.background{ background-color: rgb(166,  
183, 180) }
```

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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