

Converting Colors

CIE LCh(73, 6.240, 236.773)

Have a look what the booklet for
CIELCh(73, 6.240, 236.773) contains.

CIELCh(73, 6.240, 236.773)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 6.240, 236.773)

Conversions

Conversions Part 1

Format	Color
Hex	A7B5BC
RGB	167, 181, 188
RGB Percent	65%, 71%, 74%
CMY	0.3432, 0.2883, 0.2608
CMYK	0.11, 0.04, 0.00, 0.26
HSL	200°, 14%, 70%
HSV	200°, 11%, 74%
XYZ	41.7897, 45.1644, 54.3674
YIQ	177.6120, -10.5910, -0.7910

Conversions

Conversions Part 2

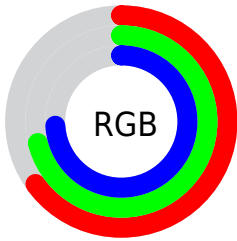
Format	Color
RYB	167, 175, 188
Decimal	10991036
CIELab	73.00, -3.42, -5.22
CIELCh	73, 6.240, 236.773
Yxy	45.1644, 0.2957, 0.3196
Android (android.graphics.Color)	4289181116 (0xFFA7B5BC)
YUV	177.6120, 5.1213, -9.3067
Hunter-Lab	67.2044, -6.6111, -0.9216

Details

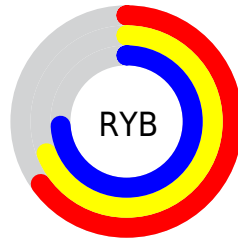
The CIELCh color $73, 6.240, 236.773$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 6.596, 54.747$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 6.242, 234.654$, and $53, 6.296, 239.257$ is the 20% darker color. If you saturate the color by 10%, you get $70, 11.596, 237.855$, and if you desaturate by 10%, it is $76, 0.656, 236.483$.

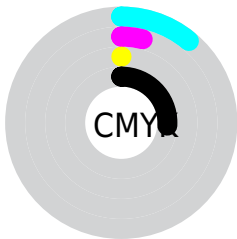
Distribution



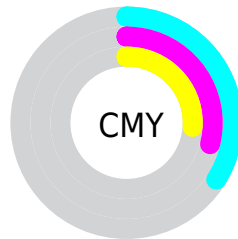
- Red (65%)
- Green (71%)
- Blue (74%)



- Red (65%)
- Yellow (69%)
- Blue (74%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)



- Cyan (34%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 6.240, 236.773 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, 6.240, 236.773 by changing the saturation by 10% instead.

■ 73, 6.240, 236.773

■ 73, 6.240, 236.773

■ 100, 6.240,
236.773

■ 63, 6.240, 236.773

■ 93, 6.240, 236.773

■ 53, 6.240, 236.773

■ 43, 6.240, 236.773

■ 33, 6.240, 236.773

■ 23, 6.240, 236.773

■ 13, 6.240, 236.773

■ 3, 6.240, 236.773

■ 0, 6.240, 236.773

■ 73, 6.240, 236.773

■ 73, 6.240, 236.773

70, 11.596,
237.855

76, 0.656, 236.483

67, 16.667,
239.256

79, 5.104, 54.947

64, 21.395,
241.012

82, 10.995, 54.403

62, 25.726,
243.200

88, 20.830, 57.490

59, 29.624,
245.906

90, 21.232, 68.020

56, 33.082,
249.210

91, 22.324, 77.798

54, 36.146,
253.165

93, 24.003, 86.387

52, 38.918,
257.760

94, 26.148, 93.658

50, 41.309,

Harmonies

Complementary

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



73, 6.240, 236.773



72, 6.596, 54.747

Rectangle

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



73, 6.240, 236.773



73, 6.240, 286.773



73, 6.240, 56.773



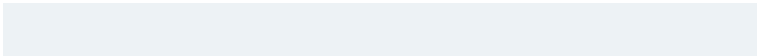
73, 6.240, 106.773

Sweetspot

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



73, 6.240, 236.757



95, 2.110, 236.199



75, 11.070, 154.200



51, 1.596, 236.212



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



73, 6.240, 236.757



92, 8.964, 236.959



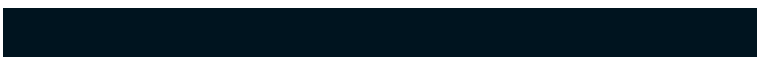
70, 9.465, 282.721



38, 3.187, 236.593



42, 35.988, 261.380



6, 9.886, 250.188

Inverse Universe

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



71, 11.007, 336.414



88, 15.900, 336.570



75, 9.332, 100.134



37, 5.594, 336.279



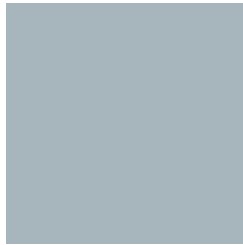
35, 63.428, 347.102



3, 15.642, 341.729

Previews

White Background



This preview shows how the CIELCh color 73, 6.240, 236.773 looks on a white background.

Color Contrast Check

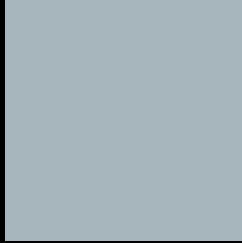
Large Text (above 18pt) WCAG AA × Fail

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, 6.240, 236.773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

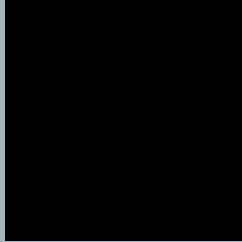
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

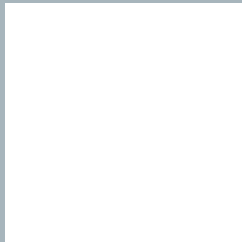
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 6.240, 236.773

Background



This preview shows how black text looks on a background with the CIELCh color 73, 6.240, 236.773.



This preview shows how white text looks on a background with the CIELCh color 73, 6.240, 236.773.

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, 6.240, 236.773

Protanopia

73, 4.423, 300.170

Deuteranopia

73, 10.768, 326.532



Tritanopia
73, 8.948, 265.126

Trichromacy



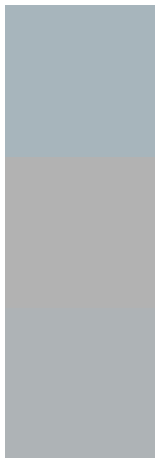
Original Color
73, 6.240, 236.773

Protanomaly
73, 4.562, 271.985

Deuteranomaly
73, 6.802, 306.399

Tritanomaly
73, 7.899, 254.961

Monochromacy



Original Color
73, 6.240, 236.773

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.441, 241.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 6.240, 236.773 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(167, 181, 188)` looks like.

```
.text, #text, p{  
    color:rgb(167, 181, 188)  
}
```

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(167, 181, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 181, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 6.240, 236.773 is called "border". The border property can be set on classes, ids or directly on the HTML element.

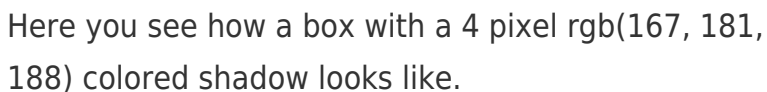
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 181, 188) }
```

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

```
.border{ border-color:rgb(167, 181, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 181, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 181, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 181, 188); box-shadow:4px 4px 4px 4px rgb(167, 181, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 6.240, 236.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 181, 188) }
```

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

```
.background{ background-color: rgb(167,  
181, 188) }
```

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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