

Converting Colors

CIELCh(73, 6.861, 268.596)

Have a look what the booklet for
CIELCh(73, 6.861, 268.596) contains.

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Color

CIELCh(73, 6.935, 269.560)

Conversions

Conversions Part 1

Format	Color
Hex	ADB4C0
RGB	173, 180, 192
RGB Percent	68%, 71%, 75%
CMY	0.3227, 0.2953, 0.2482
CMYK	0.10, 0.06, 0.00, 0.25
HSL	218°, 13%, 71%
HSV	218°, 10%, 75%
XYZ	42.9095, 45.1644, 56.1495
YIQ	179.2750, -8.0240, 2.2480

Conversions

Conversions Part 2

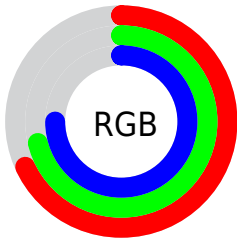
Format	Color
RYB	173, 178, 192
Decimal	11384000
CIELab	73.00, -0.05, -6.93
CIElCh	73, 6.935, 269.560
Yxy	45.1644, 0.2975, 0.3132
Android (android.graphics.Color)	4289574080 (0xFFADB4C0)
YUV	179.2750, 6.2734, -5.5032
Hunter-Lab	67.2044, -3.6369, -2.4938

Details

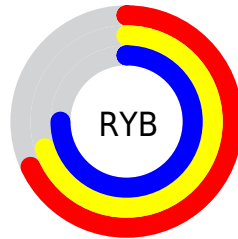
The CIELCh color $73, 6.935, 269.560$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 6.965, 86.930$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 6.729, 266.544$, and $53, 7.255, 272.827$ is the 20% darker color. If you saturate the color by 10%, you get $68, 14.002, 271.068$, and if you desaturate by 10%, it is $78, 0.055, 83.523$.

Distribution



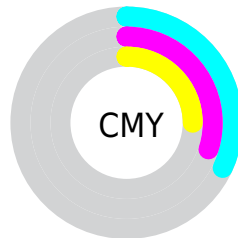
- Red (68%)
- Green (71%)
- Blue (75%)



- Red (68%)
- Yellow (70%)
- Blue (75%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (25%)



- Cyan (32%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 6.935, 269.560 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, 6.935, 269.560 by changing the saturation by 10% instead.

■ 73, 6.935, 269.560

■ 73, 6.935, 269.560

■ 100, 6.935,
269.560

■ 63, 6.935, 269.560

■ 93, 6.935, 269.560

■ 53, 6.935, 269.560

■ 43, 6.935, 269.560

■ 33, 6.935, 269.560

■ 23, 6.935, 269.560

■ 13, 6.935, 269.560

■ 3, 6.935, 269.560

■ 0, 6.935, 269.560

■ 73, 6.935, 269.560

■ 73, 6.935, 269.560

68, 14.002,
271.068

78, 0.055, 83.523

64, 21.147,
272.863

82, 6.961, 87.014

59, 28.372,
274.968

87, 13.777, 86.044

55, 35.691,
277.428

91, 20.500, 85.186

50, 43.130,
280.274

95, 25.400, 95.326

46, 50.727,
283.510

98, 30.610,
105.925

42, 58.520,
287.084

99, 31.867,
107.753

38, 66.509,
290.870

35, 74.613,

Harmonies

Complementary

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



73, 6.935, 269.560



75, 6.965, 86.930

Rectangle

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



73, 6.935, 269.560



73, 6.935, 319.560



73, 6.935, 89.560



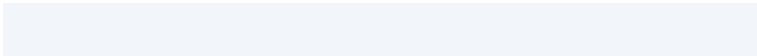
73, 6.935, 139.560

Sweetspot

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



73, 6.934, 269.548



97, 2.600, 268.705



76, 8.029, 169.617



51, 1.970, 268.784



99, 0.012, 296.813



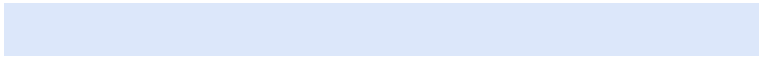
52, 0.007, 296.813

Same Dimension

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



73, 6.934, 269.548



91, 10.426, 269.872



71, 10.420, 295.583



38, 4.001, 269.475



29, 64.611, 294.087



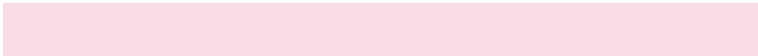
3, 14.620, 278.152

Inverse Universe

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



72, 8.130, 352.248



90, 12.257, 352.484



77, 10.188, 113.986



38, 4.688, 352.192



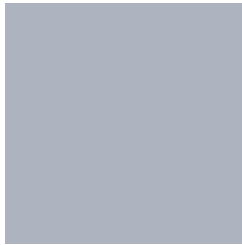
34, 60.357, 14.068



3, 14.923, 359.898

Previews

White Background



This preview shows how the CIE LCh color 73, 6.935, 269.560 looks on a white background.

Color Contrast Check

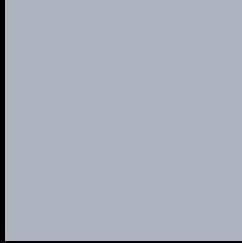
Large Text (above 18pt) WCAG AA × Fail

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, 6.935, 269.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

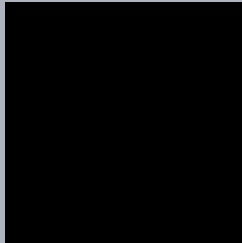
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

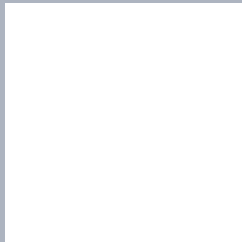
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 6.935, 269.560

Background



This preview shows how black text looks on a background with the CIELCh color 73, 6.935, 269.560.

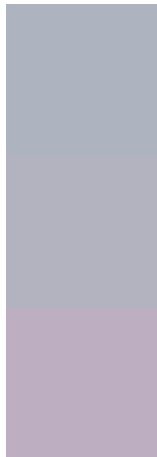


This preview shows how white text looks on a background with the CIELCh color 73, 6.935, 269.560.

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

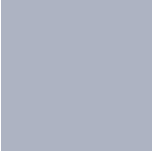
73, 6.935, 269.560

Protanopia

73, 7.081, 293.801

Deuteranopia

73, 11.929, 320.484



Tritanopia
73, 8.383, 276.151

Trichromacy



Original Color
73, 6.935, 269.560

Protanomaly
73, 6.545, 284.467

Deuteranomaly
73, 9.731, 308.426

Tritanomaly
73, 7.862, 275.053

Monochromacy



Original Color
73, 6.935, 269.560

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.807, 275.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 6.935, 269.560 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(173, 180, 192)` looks like.

```
.text, #text, p{  
    color:rgb(173, 180, 192)  
}
```

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(173, 180, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 180, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 6.935, 269.560 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(173, 180, 192) }
```

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

```
.border{ border-color:rgb(173, 180, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 180, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 180, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 180, 192);  
box-shadow:4px 4px 4px 4px rgb(173, 180,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 6.935, 269.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 180, 192) }
```

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

```
.background{ background-color: rgb(173,  
180, 192) }
```

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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