

Converting Colors

CIELCh(73, 7.835, 242.383)

Have a look what the booklet for
CIELCh(73, 7.835, 242.383) contains.

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Color

CIELCh(73, 8.017, 241.833)

Conversions

Conversions Part 1

Format	Color
Hex	A5B6C0
RGB	165, 182, 192
RGB Percent	65%, 71%, 75%
CMY	0.3536, 0.2869, 0.2477
CMYK	0.14, 0.05, 0.00, 0.25
HSL	202°, 18%, 70%
HSV	202°, 14%, 75%
XYZ	41.6695, 45.1644, 56.2891
YIQ	178.0570, -13.3420, -0.4940

Conversions

Conversions Part 2

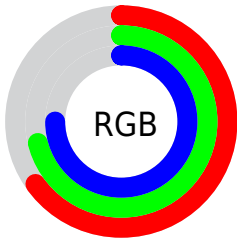
Format	Color
R_{YB}	165, 175, 192
Decimal	10860224
CIE _{Lab}	73.00, -3.78, -7.07
CIE _{LCh}	73, 8.017, 241.833
Yxy	45.1644, 0.2911, 0.3156
Android (android.graphics.Color)	4289050304 (0xFFA5B6C0)
YUV	178.0570, 6.8739, -11.4510
Hunter-Lab	67.2044, -6.9306, -2.6170

Details

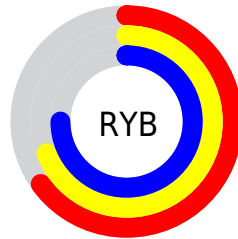
The CIELCh color **73, 8.017, 241.833** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73, 8.550, 58.934**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 7.929, 239.854**, and **53, 8.180, 244.183** is the 20% darker color. If you saturate the color by 10%, you get **70, 13.463, 243.158**, and if you desaturate by 10%, it is **76, 2.359, 240.847**.

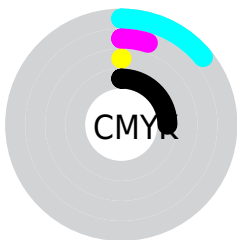
Distribution



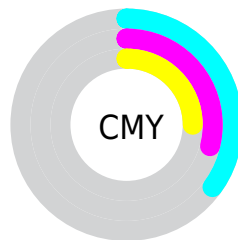
- Red (65%)
- Green (71%)
- Blue (75%)



- Red (65%)
- Yellow (69%)
- Blue (75%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 8.017, 241.833 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, 8.017, 241.833 by changing the saturation by 10% instead.

■ 73, 8.017, 241.833

■ 73, 8.017, 241.833

■ 100, 8.017,
241.833

■ 63, 8.017, 241.833

■ 93, 8.017, 241.833

■ 53, 8.017, 241.833

■ 43, 8.017, 241.833

■ 33, 8.017, 241.833

■ 23, 8.017, 241.833

■ 13, 8.017, 241.833

■ 3, 8.017, 241.833

■ 0, 8.017, 241.833

■ 73, 8.017, 241.833

■ 73, 8.017, 241.833

70, 13.463,
243.158

76, 2.359, 240.847

67, 18.647,
244.820

80, 3.463, 59.618

64, 23.520,
246.871

83, 9.407, 58.951

61, 28.040,
249.389

86, 15.436, 58.349

58, 32.191,
252.451

89, 19.768, 61.799

55, 35.992,
256.121

91, 20.635, 74.015

53, 39.515,
260.411

93, 22.356, 84.734

50, 42.885,
265.252

95, 24.739, 93.587

49, 44.919,

Harmonies

Complementary

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



73, 8.017, 241.833



73, 8.550, 58.934

Rectangle

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



73, 8.017, 241.833



73, 8.017, 291.833



73, 8.017, 61.833



73, 8.017, 111.833

Sweetspot

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



73, 8.017, 241.821



97, 2.872, 240.846



75, 13.673, 156.067



51, 2.038, 240.893



99, 0.012, 296.813



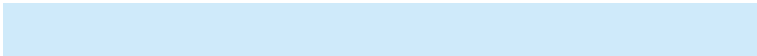
52, 0.007, 296.813

Same Dimension

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



73, 8.017, 241.821



91, 11.938, 242.216



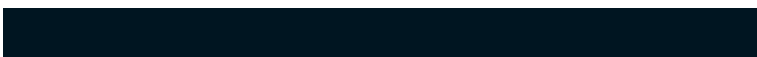
69, 12.878, 285.786



39, 3.282, 241.300



41, 39.019, 267.437



6, 11.185, 255.558

Inverse Universe

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



70, 13.765, 338.290



88, 20.659, 338.547



76, 12.597, 102.618



38, 5.570, 337.917



35, 62.871, 350.066



3, 17.242, 344.454

Previews

White Background



This preview shows how the CIELCh color 73, 8.017, 241.833 looks on a white background.

Color Contrast Check

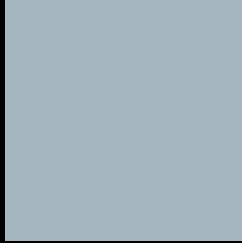
Large Text (above 18pt) WCAG AA × Fail

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, 8.017, 241.833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

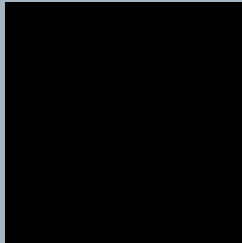
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

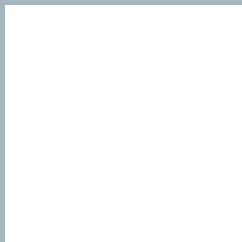
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 8.017, 241.833

Background



This preview shows how black text looks on a background with the CIELCh color 73, 8.017, 241.833.



This preview shows how white text looks on a background with the CIELCh color 73, 8.017, 241.833.

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, 8.017, 241.833

Protanopia

73, 5.997, 294.246

Deuteranopia

73, 11.929, 320.484



Tritanopia
73, 9.592, 257.538

Trichromacy



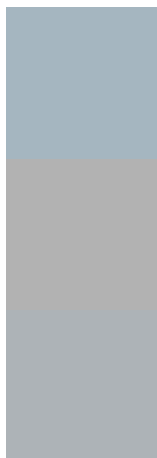
Original Color
73, 8.017, 241.833

Protanomaly
73, 6.211, 273.859

Deuteranomaly
73, 8.842, 300.437

Tritanomaly
73, 8.725, 253.376

Monochromacy



Original Color
73, 8.017, 241.833

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.069, 244.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 8.017, 241.833 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(165, 182, 192)` looks like.

```
.text, #text, p{  
    color:rgb(165, 182, 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(165, 182, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 182, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 8.017, 241.833 is called "border". The border property can be set on classes, ids or directly on the HTML element.

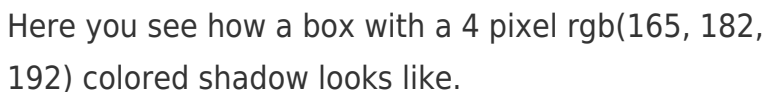
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 182, 192) }
```

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

```
.border{ border-color:rgb(165, 182, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 182, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 182, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 182, 192); box-shadow:4px 4px 4px 4px rgb(165, 182, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 8.017, 241.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 182, 192) }
```

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

```
.background{ background-color: rgb(165,  
182, 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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