

Converting Colors

CIELCh(73, 7.364, 238.188)

Have a look what the booklet for
CIELCh(73, 7.364, 238.188) contains.

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Color

CIELCh(73, 7.375, 235.243)

Conversions

Conversions Part 1

Format	Color
Hex	A5B6BE
RGB	165, 182, 190
RGB Percent	65%, 71%, 75%
CMY	0.3530, 0.2863, 0.2550
CMYK	0.13, 0.04, 0.00, 0.25
HSL	199°, 16%, 70%
HSV	199°, 13%, 75%
XYZ	41.5314, 45.1644, 55.2348
YIQ	177.8290, -12.7000, -1.1160

Conversions

Conversions Part 2

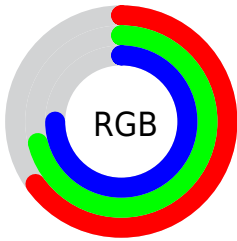
Format	Color
R_{YB}	165, 175, 190
Decimal	10860222
CIE _{Lab}	73.00, -4.20, -6.06
CIE _{LCh}	73, 7.375, 235.243
Yxy	45.1644, 0.2926, 0.3182
Android (android.graphics.Color)	4289050302 (0xFFA5B6BE)
YUV	177.8290, 6.0003, -11.2510
Hunter-Lab	67.2044, -7.2974, -1.6868

Details

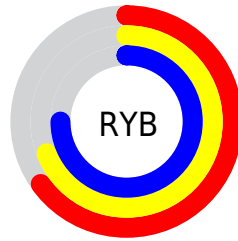
The CIELCh color $73, 7.375, 235.243$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72, 7.901, 53.021$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 7.341, 233.439$, and $53, 7.470, 237.388$ is the 20% darker color. If you saturate the color by 10%, you get $70, 12.691, 236.328$, and if you desaturate by 10%, it is $76, 1.806, 234.532$.

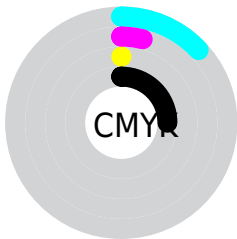
Distribution



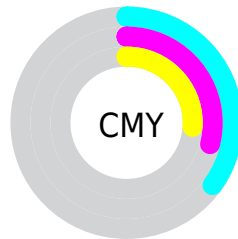
- Red (65%)
- Green (71%)
- Blue (75%)



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



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 7.375, 235.243 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, 7.375, 235.243 by changing the saturation by 10% instead.

■ 73, 7.375, 235.243

■ 73, 7.375, 235.243

■ 100, 7.375,
235.243

■ 63, 7.375, 235.243

■ 93, 7.375, 235.243

■ 53, 7.375, 235.243

■ 43, 7.375, 235.243

■ 33, 7.375, 235.243

■ 23, 7.375, 235.243

■ 13, 7.375, 235.243

■ 3, 7.375, 235.243

■ 0, 7.375, 235.243

■ 73, 7.375, 235.243

■ 73, 7.375, 235.243

70, 12.691,
236.328

76, 1.806, 234.532

67, 17.693,
237.731

79, 3.959, 53.431

64, 22.320,
239.497

82, 9.873, 52.930

62, 26.516,
241.707

85, 15.895, 52.488

59, 30.244,
244.448

88, 20.329, 54.985

57, 33.505,
247.801

90, 20.555, 65.516

55, 36.349,
251.819

91, 21.459, 75.449

53, 38.893,
256.482

93, 22.954, 84.288

51, 40.601,

94, 24.926, 91.839

259.845

Harmonies

Complementary

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



73, 7.375, 235.243



72, 7.901, 53.021

Rectangle

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



73, 7.375, 235.243



73, 7.375, 285.243



73, 7.375, 55.243



73, 7.375, 105.243

Sweetspot

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



73, 7.375, 235.230



96, 2.829, 234.546



75, 13.165, 154.038



51, 2.023, 234.577



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, 7.375, 235.230



91, 11.038, 235.540



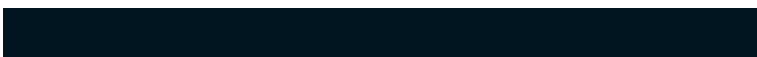
70, 11.280, 282.984



38, 3.183, 234.889



43, 35.175, 259.066



6, 9.794, 248.289

Inverse Universe

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



70, 13.222, 335.995



87, 19.961, 336.228



75, 11.097, 99.908



37, 5.647, 335.711



35, 63.931, 346.092



3, 15.814, 340.952

Previews

White Background



This preview shows how the CIELCh color 73, 7.375, 235.243 looks on a white background.

Color Contrast Check

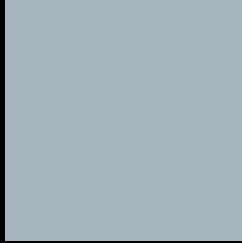
Large Text (above 18pt) WCAG AA × Fail

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, 7.375, 235.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

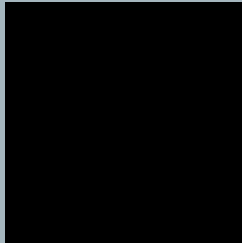
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

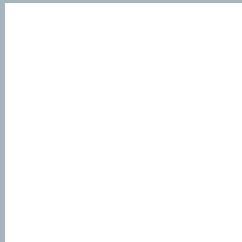
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 7.375, 235.243

Background



This preview shows how black text looks on a background with the CIELCh color 73, 7.375, 235.243.

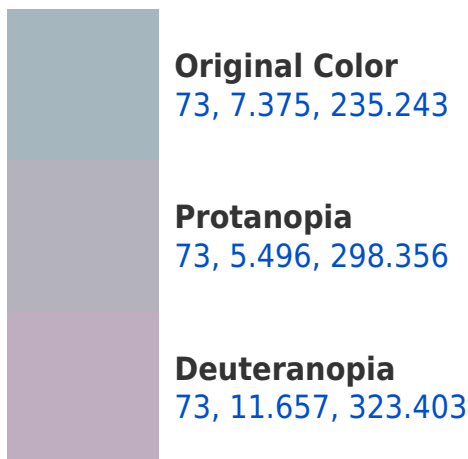



This preview shows how white text looks on a background with the CIELCh color 73, 7.375, 235.243.

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





Tritanopia
73, 9.592, 257.538

Trichromacy



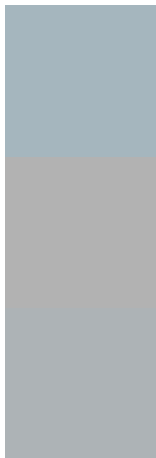
Original Color
73, 7.375, 235.243

Protanomaly
73, 5.599, 275.700

Deuteranomaly
73, 7.853, 304.310

Tritanomaly
73, 8.725, 253.376

Monochromacy



Original Color
73, 7.375, 235.243

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 2.723, 236.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 7.375, 235.243 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(165, 182, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 182, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 7.375, 235.243 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, 190) }
```

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

```
.border{ border-color:rgb(165, 182, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 182, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 182, 190);  
box-shadow:4px 4px 4px 4px rgb(165, 182,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 7.375, 235.243 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, 190) }
```

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

```
.background{ background-color: rgb(165,  
182, 190) }
```

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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