

Converting Colors

CIELCh(73, 7.008, 209.352)

Have a look what the booklet for
CIELCh(73, 7.008, 209.352) contains.

CIELCh(73, 6.915, 207.995)	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, 6.915, 207.995)

Conversions

Conversions Part 1

Format	Color
Hex	A4B7B9
RGB	164, 183, 185
RGB Percent	64%, 72%, 73%
CMY	0.3575, 0.2830, 0.2752
CMYK	0.11, 0.01, 0.00, 0.28
HSL	186°, 13%, 68%
HSV	186°, 11%, 72%
XYZ	40.9101, 45.1644, 52.3635
YIQ	177.5470, -11.9660, -3.4060

Conversions

Conversions Part 2

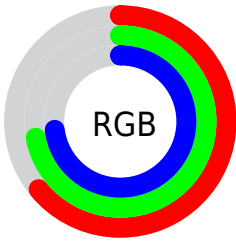
Format	Color
RYB	164, 174, 185
Decimal	10794937
CIELab	73.00, -6.11, -3.25
CIELCh	73, 6.915, 207.995
Yxy	45.1644, 0.2955, 0.3262
Android (android.graphics.Color)	4288985017 (0xFFA4B7B9)
YUV	177.5470, 3.6743, -11.8807
Hunter-Lab	67.2044, -8.9476, 0.8463

Details

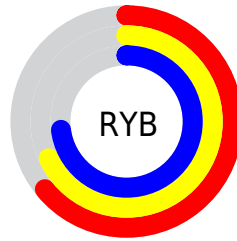
The CIELCh color $73, 6.915, 207.995$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $70, 7.443, 28.378$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 6.958, 207.595$, and $53, 6.911, 208.445$ is the 20% darker color. If you saturate the color by 10%, you get $71, 12.617, 207.855$, and if you desaturate by 10%, it is $75, 0.849, 208.701$.

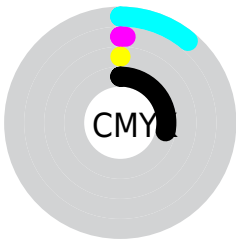
Distribution



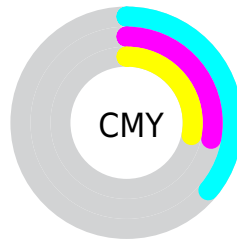
- Red (64%)
- Green (72%)
- Blue (73%)



- Red (64%)
- Yellow (68%)
- Blue (73%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)



- Cyan (36%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 6.915, 207.995 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, 6.915, 207.995 by changing the saturation by 10% instead.

73, 6.915, 207.995

73, 6.915, 207.995

100, 6.915,
207.995

63, 6.915, 207.995

93, 6.915, 207.995

53, 6.915, 207.995

43, 6.915, 207.995

33, 6.915, 207.995

23, 6.915, 207.995

13, 6.915, 207.995

3, 6.915, 207.995

0, 6.915, 207.995

73, 6.915, 207.995

73, 6.915, 207.995

71, 12.617,
207.855

75, 0.849, 208.701

70, 17.857,
207.859

77, 5.497, 28.232

79, 12.048, 28.579

68, 22.536,
208.002

81, 18.743, 28.927

67, 26.556,
208.312

83, 25.037, 29.415

83, 24.537, 31.651

66, 29.834,
208.819

84, 24.078, 33.977

65, 32.313,
209.559

84, 23.661, 36.392

85, 23.288, 38.891

64, 33.977,
210.567

63, 34.865,
211.877

63, 35.181,

Harmonies

Complementary

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



73, 6.915, 207.995



70, 7.443, 28.378

Rectangle

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



73, 6.915, 207.995



73, 6.915, 257.995



73, 6.915, 27.995



73, 6.915, 77.995

Sweetspot

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



73, 6.916, 207.981



94, 2.303, 208.325



73, 13.152, 146.099



50, 1.742, 208.252



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, 6.916, 207.981



92, 10.442, 207.931



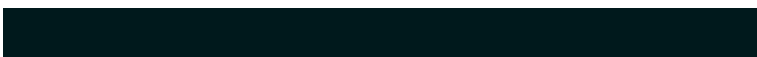
70, 7.345, 265.437



38, 3.449, 208.027



53, 31.004, 212.966



7, 9.177, 211.839

Inverse Universe

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



70, 13.068, 327.752



86, 19.920, 327.921



72, 7.441, 82.408



36, 6.474, 327.631



36, 74.218, 332.360



3, 17.081, 328.693

Previews

White Background



This preview shows how the CIELCh color 73, 6.915, 207.995 looks on a white background.

Color Contrast Check

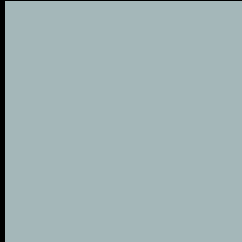
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 73, 6.915, 207.995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

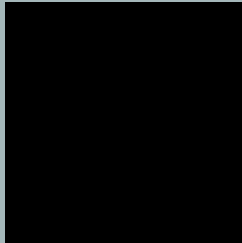
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

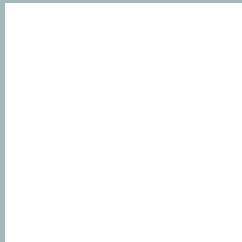
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 6.915, 207.995

Background



This preview shows how black text looks on a background with the CIELCh color 73, 6.915, 207.995.

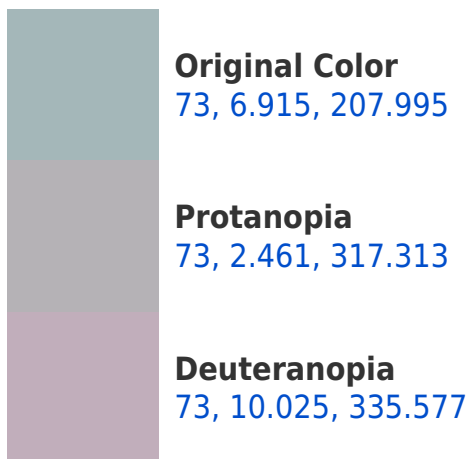



This preview shows how white text looks on a background with the CIELCh color 73, 6.915, 207.995.

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



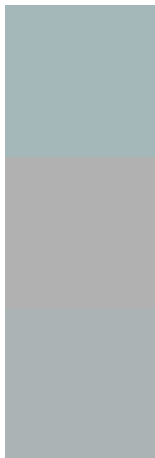
Original Color
73, 6.915, 207.995

Protanomaly
73, 2.439, 241.449

Deuteranomaly
73, 5.254, 311.162

Tritanomaly
73, 8.017, 241.833

Monochromacy



Original Color
73, 6.915, 207.995

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.630, 211.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 6.915, 207.995 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(164, 183, 185)` looks like.

```
.text, #text, p{  
    color:rgb(164, 183, 185)  
}
```

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(164, 183, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 183, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 6.915, 207.995 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(164, 183, 185) }
```

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

```
.border{ border-color:rgb(164, 183, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 183, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 183, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 183, 185);  
box-shadow:4px 4px 4px 4px rgb(164, 183,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 6.915, 207.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 183, 185) }
```

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

```
.background{ background-color: rgb(164,  
183, 185) }
```

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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