

Converting Colors

CIELCh(73, 7.937, 206.408)

Have a look what the booklet for
CIELCh(73, 7.937, 206.408) contains.

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Color

CIELCh(73, 7.950, 206.723)

Conversions

Conversions Part 1

Format	Color
Hex	A1B7B9
RGB	161, 183, 185
RGB Percent	63%, 72%, 73%
CMY	0.3671, 0.2808, 0.2730
CMYK	0.13, 0.01, 0.00, 0.27
HSL	185°, 15%, 68%
HSV	185°, 13%, 73%
XYZ	40.5875, 45.1644, 52.6941
YIQ	176.6500, -13.7540, -4.0420

Conversions

Conversions Part 2

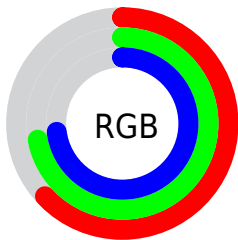
Format	Color
RYB	161, 172, 185
Decimal	10598329
CIELab	73.00, -7.10, -3.57
CIELCh	73, 7.950, 206.723
Yxy	45.1644, 0.2932, 0.3262
Android (android.graphics.Color)	4288788409 (0xFFA1B7B9)
YUV	176.6500, 4.1165, -13.7251
Hunter-Lab	67.2044, -9.8045, 0.5547

Details

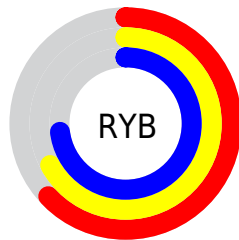
The CIELCh color **73, 7.950, 206.723** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 8.649, 27.336**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 7.957, 206.444**, and **53, 7.986, 207.026** is the 20% darker color. If you saturate the color by 10%, you get **71, 13.658, 206.550**, and if you desaturate by 10%, it is **75, 1.858, 207.144**.

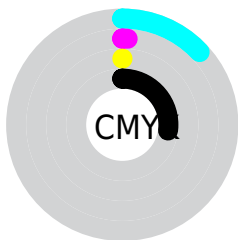
Distribution



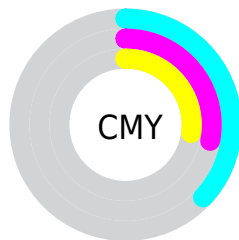
- Red (63%)
- Green (72%)
- Blue (73%)



- Red (63%)
- Yellow (67%)
- Blue (73%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)



- Cyan (37%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 7.950, 206.723 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, 7.950, 206.723 by changing the saturation by 10% instead.

■ 73, 7.950, 206.723

■ 73, 7.950, 206.723

■ 100, 7.950,
206.723

■ 63, 7.950, 206.723

■ 93, 7.950, 206.723

■ 53, 7.950, 206.723

■ 43, 7.950, 206.723

■ 33, 7.950, 206.723

■ 23, 7.950, 206.723

■ 13, 7.950, 206.723

■ 3, 7.950, 206.723

■ 0, 7.950, 206.723

■ 73, 7.950, 206.723

■ 73, 7.950, 206.723

71, 13.658,
206.550

75, 1.858, 207.144

70, 18.882,
206.508

77, 4.531, 27.026

69, 23.520,
206.597

79, 11.138, 27.423

67, 27.475,
206.842

83, 24.754, 28.205

66, 30.668,
207.269

83, 24.660, 30.059

65, 33.046,
207.910

84, 24.230, 32.060

65, 34.601,
208.793

84, 23.831, 34.131

64, 35.384,
209.944

84, 23.466, 36.272

64, 35.625,

Harmonies

Complementary

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



73, 7.950, 206.723



69, 8.649, 27.336

Rectangle

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



73, 7.950, 206.723



73, 7.950, 256.723



73, 7.950, 26.723



73, 7.950, 76.723

Sweetspot

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



73, 7.951, 206.712



95, 3.122, 207.040



73, 15.219, 145.507



51, 2.233, 206.989



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, 7.951, 206.712



92, 12.090, 206.644



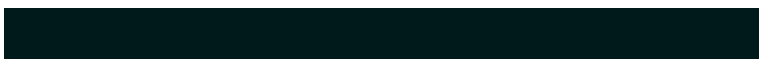
70, 8.256, 264.075



38, 3.485, 206.806



54, 31.324, 210.664



7, 9.306, 209.936

Inverse Universe

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



69, 15.069, 327.486



86, 23.170, 327.679



72, 8.410, 80.615



36, 6.528, 327.272



36, 74.904, 331.797



3, 17.292, 328.143

Previews

White Background



This preview shows how the CIELCh color 73, 7.950, 206.723 looks on a white background.

Color Contrast Check

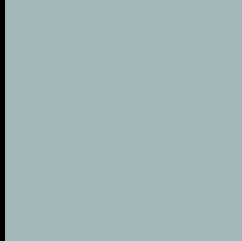
Large Text (above 18pt) WCAG AA × Fail

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, 7.950, 206.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

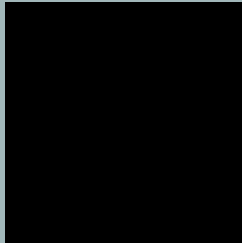
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

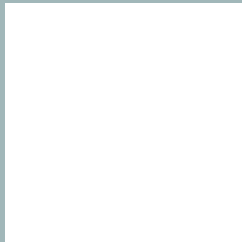
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 7.950, 206.723

Background



This preview shows how black text looks on a background with the CIELCh color 73, 7.950, 206.723.



This preview shows how white text looks on a background with the CIELCh color 73, 7.950, 206.723.

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

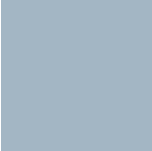
73, 7.950, 206.723

Protanopia

73, 2.461, 317.313

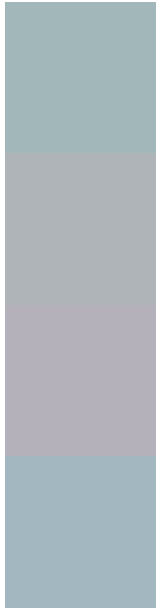
Deuteranopia

73, 9.765, 333.992



Tritanopia
73, 9.968, 248.951

Trichromacy



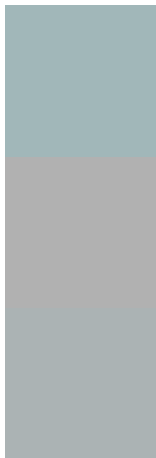
Original Color
73, 7.950, 206.723

Protanomaly
73, 2.720, 236.273

Deuteranomaly
73, 5.133, 307.309

Tritanomaly
73, 8.780, 232.873

Monochromacy



Original Color
73, 7.950, 206.723

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.987, 209.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 7.950, 206.723 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(161, 183, 185)` looks like.

```
.text, #text, p{  
    color:rgb(161, 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(161, 183, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 183, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 7.950, 206.723 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(161, 183, 185) }
```

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

```
.border{ border-color:rgb(161, 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(161, 183, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 183, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 183, 185);  
box-shadow:4px 4px 4px 4px rgb(161, 183,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 7.950, 206.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 183, 185) }
```

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

```
.background{ background-color: rgb(161,  
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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