

Converting Colors

CIELCh(71, 11.051, 211.523)

Have a look what the booklet for
CIELCh(71, 11.051, 211.523)
contains.

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Color

CIELCh(71, 10.862, 213.253)

Conversions

Conversions Part 1

Format	Color
Hex	95B3B8
RGB	149, 179, 184
RGB Percent	58%, 70%, 72%
CMY	0.4150, 0.2973, 0.2777
CMYK	0.19, 0.03, 0.00, 0.28
HSL	189°, 20%, 65%
HSV	189°, 19%, 72%
XYZ	37.2541, 42.1875, 51.6270
YIQ	170.6000, -19.4850, -4.8050

Conversions

Conversions Part 2

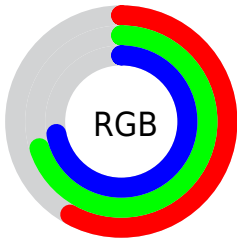
Format	Color
RYB	149, 165, 184
Decimal	9810872
CIELab	71.00, -9.08, -5.96
CIELCh	71, 10.862, 213.253
Yxy	42.1875, 0.2842, 0.3219
Android (android.graphics.Color)	4288000952 (0xFF95B3B8)
YUV	170.6000, 6.6062, -18.9432
Hunter-Lab	64.9519, -11.2845, -1.6603

Details

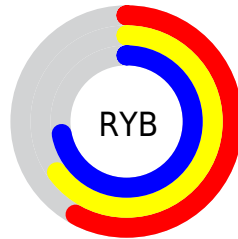
The CIELCh color **71, 10.862, 213.253** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 12.332, 33.277**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 10.783, 212.750**, and **51, 10.641, 214.409** is the 20% darker color. If you saturate the color by 10%, you get **69, 16.016, 213.486**, and if you desaturate by 10%, it is **73, 5.296, 213.177**.

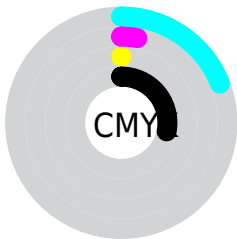
Distribution



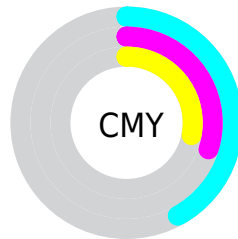
- Red (58%)
- Green (70%)
- Blue (72%)



- Red (58%)
- Yellow (65%)
- Blue (72%)



- Cyan (19%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)





- Cyan (42%)
- Magenta (30%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 10.862, 213.253 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 71, 10.862, 213.253 by changing the saturation by 10% instead.


 71, 10.862,
213.253


 71, 10.862,
213.253


 100, 10.862,
213.253


 61, 10.862,
213.253


 91, 10.862,
213.253

 51, 10.862,
213.253

 41, 10.862,
213.253

 31, 10.862,
213.253

 21, 10.862,
213.253

 11, 10.862,
213.253

 1, 10.862, 213.253

0, 10.862, 213.253

71, 10.862,
213.253

71, 10.862,
213.253

69, 16.016,
213.486

73, 5.296, 213.177

67, 20.662,
213.908

75, 0.598, 32.198

77, 6.741, 33.064

66, 24.707,
214.549

80, 13.069, 33.238

64, 28.068,
215.459

82, 19.526, 33.436

84, 24.230, 34.496

63, 30.681,
216.692

84, 23.636, 38.128

62, 32.524,
218.308

85, 23.144, 41.933

■ 61, 33.625,
220.367

■ 86, 22.761, 45.886

■ 60, 34.145,
222.851

■ 60, 34.190,
223.103

Harmonies

Complementary

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



71, 10.862, 213.253



66, 12.332, 33.277

Rectangle

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



71, 10.862, 213.253



71, 10.862, 263.253



71, 10.862, 33.253



71, 10.862, 83.253

Sweetspot

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



71, 10.862, 213.245



93, 4.403, 213.210



72, 21.247, 147.055



49, 2.914, 213.198



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 10.862, 213.245



89, 16.053, 213.330



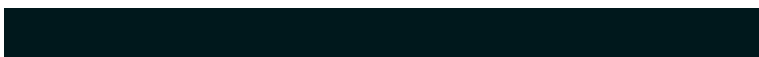
66, 12.959, 271.073



38, 3.320, 213.176



51, 30.193, 222.710



7, 8.777, 219.710

Inverse Universe

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



66, 21.155, 329.727



81, 31.736, 329.996



71, 13.112, 85.947



36, 6.262, 329.131



35, 71.548, 334.770



3, 16.272, 331.000

Previews

White Background



This preview shows how the CIELCh color 71, 10.862, 213.253 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 71, 10.862, 213.253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

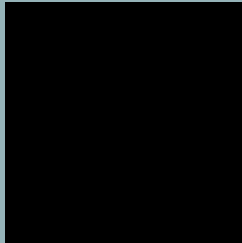
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

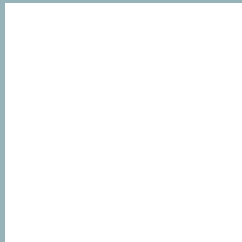
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 10.862, 213.253

Background



This preview shows how black text looks on a background with the CIELCh color 71, 10.862, 213.253.

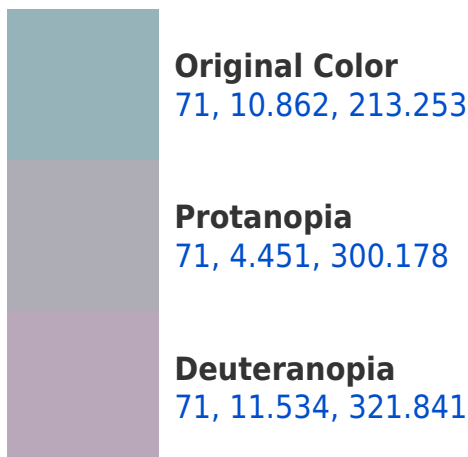


This preview shows how white text looks on a background with the CIELCh color 71, 10.862, 213.253.

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](#).

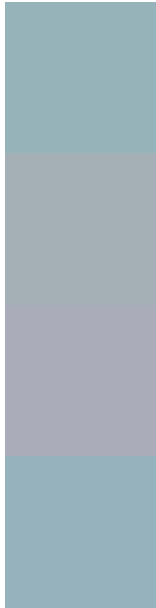
Dichromacy





Tritanopia
71, 11.904, 238.978

Trichromacy



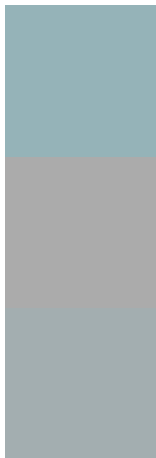
Original Color
71, 10.862, 213.253

Protanomaly
71, 5.221, 246.443

Deuteranomaly
71, 7.115, 287.959

Tritanomaly
71, 11.316, 230.982

Monochromacy



Original Color
71, 10.862, 213.253

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 4.171, 214.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 10.862, 213.253 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(149, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(149, 179, 184)  
}
```

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(149, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 179, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 10.862, 213.253 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(149, 179, 184) }
```

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

```
.border{ border-color:rgb(149, 179, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(149, 179,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 10.862, 213.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 179, 184) }
```

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

```
.background{ background-color: rgb(149,  
179, 184) }
```

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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