

Converting Colors

CIELCh(71, 13.663, 202.867)

Have a look what the booklet for
CIELCh(71, 13.663, 202.867)
contains.

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Color

CIELCh(71, 13.650, 202.967)

Conversions

Conversions Part 1

Format	Color
Hex	8EB5B7
RGB	142, 181, 183
RGB Percent	56%, 71%, 72%
CMY	0.4433, 0.2904, 0.2826
CMYK	0.22, 0.01, 0.00, 0.28
HSL	183°, 22%, 64%
HSV	183°, 22%, 72%
XYZ	36.2000, 42.1875, 51.0040
YIQ	169.5670, -23.8860, -7.6460

Conversions

Conversions Part 2

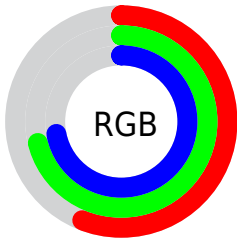
Format	Color
RYB	142, 162, 183
Decimal	9352631
CIELab	71.00, -12.57, -5.33
CIELCh	71, 13.650, 202.967
Yxy	42.1875, 0.2798, 0.3260
Android (android.graphics.Color)	4287542711 (0xFF8EB5B7)
YUV	169.5670, 6.6225, -24.1763
Hunter-Lab	64.9519, -14.1816, -1.0916

Details

The CIELCh color **71, 13.650, 202.967** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **63, 15.868, 24.903**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.831, 202.864**, and **51, 13.459, 203.064** is the 20% darker color. If you saturate the color by 10%, you get **70, 19.020, 202.732**, and if you desaturate by 10%, it is **72, 7.794, 203.285**.

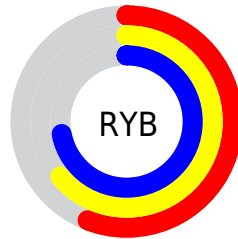
Distribution



Red (56%)

Green (71%)

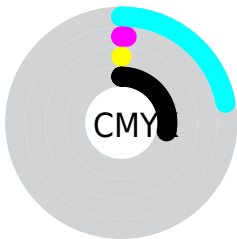
Blue (72%)



Red (56%)

Yellow (64%)

Blue (72%)

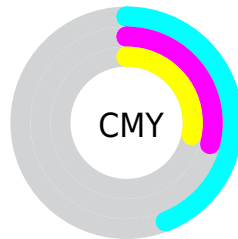


Cyan (22%)

Magenta (1%)

Yellow (0%)

Black (28%)



Cyan (44%)


Magenta (29%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 13.650, 202.967 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, 13.650, 202.967 by changing the saturation by 10% instead.


 71, 13.650,
202.967


 71, 13.650,
202.967


 100, 13.650,
202.967


 61, 13.650,
202.967


 91, 13.650,
202.967

 51, 13.650,
202.967

 41, 13.650,
202.967

 31, 13.650,
202.967

 21, 13.650,
202.967

 11, 13.650,
202.967

 1, 13.650, 202.967

71, 13.650,
202.967

71, 13.650,
202.967

70, 19.020,
202.732

72, 7.794, 203.285

69, 23.799,
202.601

74, 1.551, 203.911

76, 4.986, 23.878

68, 27.889,
202.582

78, 11.737, 24.381

67, 31.211,
202.690

79, 18.632, 24.868

81, 25.617, 25.365

66, 33.713,
202.942

82, 26.636, 26.273

65, 35.388,
203.350

82, 26.350, 27.291

■ 65, 36.281,
203.927

■ 82, 26.072, 28.332

■ 65, 36.597,
204.449

Harmonies

Complementary

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



71, 13.650, 202.967



63, 15.868, 24.903

Rectangle

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



71, 13.650, 202.967



71, 13.650, 252.967



71, 13.650, 22.967



71, 13.650, 72.967

Sweetspot

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



71, 13.650, 202.961



92, 5.504, 203.515



71, 26.739, 143.882



49, 3.600, 203.485



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, 13.650, 202.961



89, 19.948, 202.834



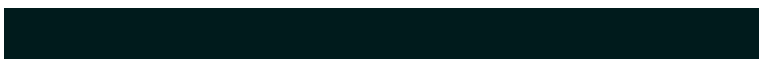
65, 13.655, 262.245



38, 3.598, 203.410



56, 32.489, 204.342



8, 9.747, 204.613

Inverse Universe

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



64, 26.482, 327.008



78, 39.377, 327.289



68, 14.312, 76.111



36, 6.685, 326.266



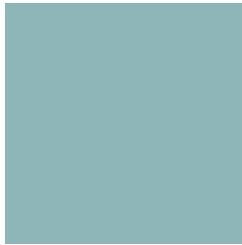
36, 76.934, 330.241



3, 17.916, 326.642

Previews

White Background



This preview shows how the CIELCh color 71, 13.650, 202.967 looks on a white background.

Color Contrast Check

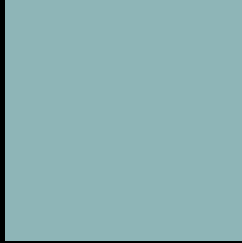
Large Text (above 18pt) WCAG AA × Fail

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 71, 13.650, 202.967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

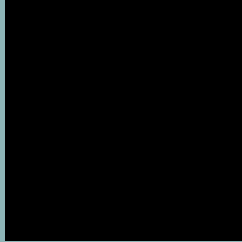
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 13.650, 202.967

Background



This preview shows how black text looks on a background with the CIELCh color 71, 13.650, 202.967.

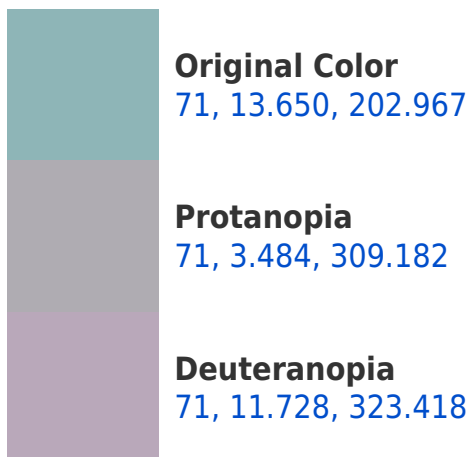


This preview shows how white text looks on a background with the CIELCh color 71, 13.650, 202.967.

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, 14.237, 233.967

Trichromacy



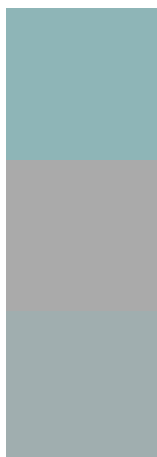
Original Color
71, 13.650, 202.967

Protanomaly
71, 5.107, 231.596

Deuteranomaly
71, 6.692, 278.312

Tritanomaly
71, 13.681, 222.162

Monochromacy



Original Color
71, 13.650, 202.967

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.158, 205.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 13.650, 202.967 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(142, 181, 183)` looks like.

```
.text, #text, p{  
    color:rgb(142, 181, 183)  
}
```

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(142, 181, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 181, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 13.650, 202.967 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(142, 181, 183) }
```

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

```
.border{ border-color:rgb(142, 181, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 181, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 181, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 181, 183);  
box-shadow:4px 4px 4px 4px rgb(142, 181,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 13.650, 202.967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 181, 183) }
```

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

```
.background{ background-color: rgb(142,  
181, 183) }
```

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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