

Converting Colors

CIELCh(71, 17.836, 158.321)

Have a look what the booklet for
CIELCh(71, 17.836, 158.321)
contains.

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Color

CIELCh(71, 17.738, 157.821)

Conversions

Conversions Part 1

Format	Color
Hex	92B6A1
RGB	146, 182, 161
RGB Percent	57%, 71%, 63%
CMY	0.4271, 0.2859, 0.3683
CMYK	0.20, 0.00, 0.12, 0.29
HSL	145°, 20%, 64%
HSV	145°, 20%, 71%
XYZ	35.0563, 42.1875, 40.0538
YIQ	168.8420, -14.7150, -14.1630

Conversions

Conversions Part 2

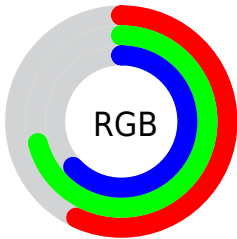
Format	Color
RYB	146, 171, 182
Decimal	9615009
CIELab	71.00, -16.43, 6.70
CIELCh	71, 17.738, 157.821
Yxy	42.1875, 0.2989, 0.3597
Android (android.graphics.Color)	4287805089 (0xFF92B6A1)
YUV	168.8420, -3.8661, -20.0324
Hunter-Lab	64.9519, -17.3245, 8.9040

Details

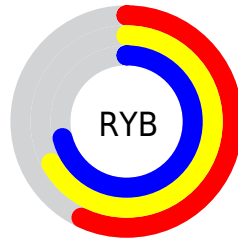
The CIELCh color **71, 17.738, 157.821** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 18.027, 340.969**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 17.749, 158.349**, and **51, 17.887, 157.038** is the 20% darker color. If you saturate the color by 10%, you get **70, 26.625, 156.838**, and if you desaturate by 10%, it is **72, 8.758, 158.703**.

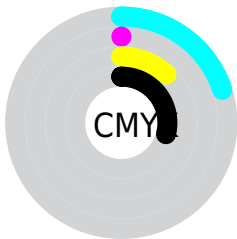
Distribution



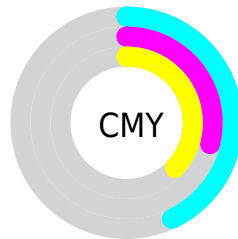
- Red (57%)
- Green (71%)
- Blue (63%)



- Red (57%)
- Yellow (67%)
- Blue (71%)



- Cyan (20%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)





- Cyan (43%)
- Magenta (29%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 17.738, 157.821 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, 17.738, 157.821 by changing the saturation by 10% instead.


 71, 17.738,
157.821


 71, 17.738,
157.821


 100, 17.738,
157.821


 61, 17.738,
157.821


 91, 17.738,
157.821

 51, 17.738,
157.821

 41, 17.738,
157.821

 31, 17.738,
157.821

 21, 17.738,
157.821

 11, 17.738,
157.821

 1, 17.738, 157.821

■ 0, 17.738, 157.821

■ 71, 17.738,
157.821

■ 71, 17.738,
157.821

■ 70, 26.625,
156.838

■ 72, 8.758, 158.703

■ 69, 35.283,
155.727

■ 74, 0.210, 337.759

■ 76, 9.078, 340.086

■ 68, 43.563,
154.462

■ 78, 17.783,
340.732

■ 67, 51.311,
153.020

■ 80, 26.282,
341.310

■ 66, 58.383,
151.383

■ 82, 34.455,
341.689

■ 66, 64.670,
149.543

■ 82, 38.014,
335.032

■ 65, 70.117,
147.513

■ 83, 42.034,
329.676

■ 65, 74.826,
145.400

■ 83, 45.672,
326.005

■ 65, 74.929,
145.355

Harmonies

Complementary

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



71, 17.738, 157.821



64, 18.027, 340.969

Rectangle

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



71, 17.738, 157.821



71, 17.738, 207.821



71, 17.738, 337.821



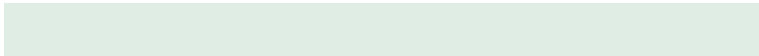
71, 17.738, 27.821

Sweetspot

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



71, 17.740, 157.820



93, 6.654, 159.020



72, 20.251, 124.525



50, 4.451, 158.963



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, 17.740, 157.820



89, 26.664, 157.379



71, 13.029, 189.673



38, 5.111, 158.740



56, 66.275, 145.649



8, 15.207, 154.560

Inverse Universe

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



64, 18.027, 340.969



79, 27.186, 341.383



64, 14.453, 12.924



36, 5.155, 340.087



34, 60.124, 353.866



3, 12.861, 345.975

Previews

White Background



This preview shows how the CIELCh color 71, 17.738, 157.821 looks on a white background.

Color Contrast Check

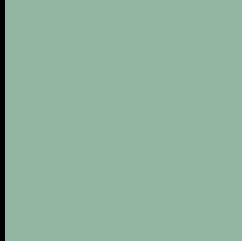
Large Text (above 18pt) WCAG AA × Fail

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, 17.738, 157.821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

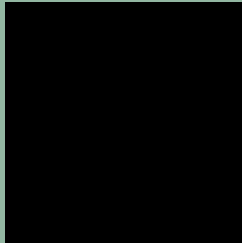
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 17.738, 157.821

Background



This preview shows how black text looks on a background with the CIELCh color 71, 17.738, 157.821.

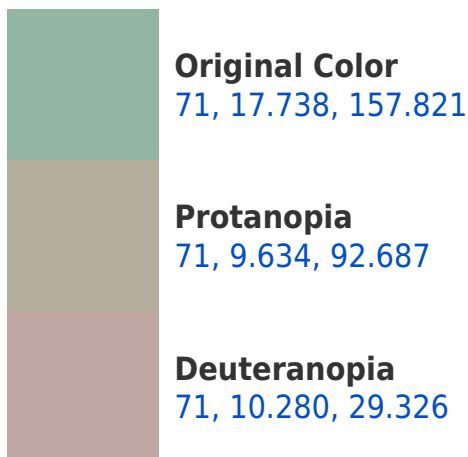


This preview shows how white text looks on a background with the CIELCh color 71, 17.738, 157.821.

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, 11.653, 240.038

Trichromacy



Original Color
71, 17.738, 157.821

Protanomaly
71, 10.284, 126.643

Deuteranomaly
70, 5.126, 92.193

Tritanomaly
71, 10.363, 204.698

Monochromacy



Original Color
71, 17.738, 157.821

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 6.600, 157.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 17.738, 157.821 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(146, 182, 161)` looks like.

```
.text, #text, p{  
    color:rgb(146, 182, 161)  
}
```

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(146, 182, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 182, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 17.738, 157.821 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(146, 182, 161) }
```

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

```
.border{ border-color:rgb(146, 182, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 182, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 182, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 182, 161);  
box-shadow:4px 4px 4px 4px rgb(146, 182,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 17.738, 157.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 182, 161) }
```

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

```
.background{ background-color: rgb(146,  
182, 161) }
```

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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