

Converting Colors

CIELCh(75, 21.217, 171.061)

Have a look what the booklet for
CIELCh(75, 21.217, 171.061)
contains.

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Color

CIELCh(75, 21.342, 170.656)

Conversions

Conversions Part 1

Format	Color
Hex	8FC4B2
RGB	143, 196, 178
RGB Percent	56%, 77%, 70%
CMY	0.4409, 0.2331, 0.3037
CMYK	0.27, 0.00, 0.09, 0.23
HSL	160°, 31%, 66%
HSV	160°, 27%, 77%
XYZ	38.8858, 48.2781, 49.1601
YIQ	178.1010, -25.8100, -16.8340

Conversions

Conversions Part 2

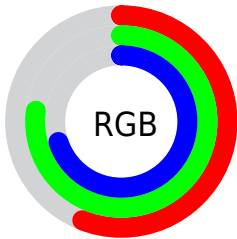
Format	Color
RYB	143, 175, 196
Decimal	9422002
CIELab	75.00, -21.06, 3.47
CIELCh	75, 21.342, 170.656
Yxy	48.2781, 0.2852, 0.3541
Android (android.graphics.Color)	4287612082 (0xFF8FC4B2)
YUV	178.1010, -0.0498, -30.7836
Hunter-Lab	69.4824, -21.6969, 6.6889

Details

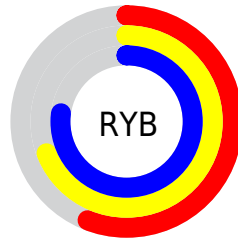
The CIELCh color **75, 21.342, 170.656** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 22.849, 356.121**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 21.325, 170.807**, and **55, 21.417, 170.167** is the 20% darker color. If you saturate the color by 10%, you get **74, 28.744, 169.507**, and if you desaturate by 10%, it is **76, 13.616, 171.708**.

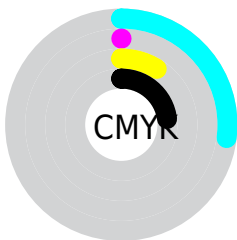
Distribution



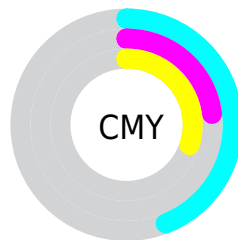
- Red (56%)
- Green (77%)
- Blue (70%)



- Red (56%)
- Yellow (69%)
- Blue (77%)



- Cyan (27%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)





- Cyan (44%)
- Magenta (23%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 21.342, 170.656 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 75, 21.342, 170.656 by changing the saturation by 10% instead.


 75, 21.342,
170.656


 75, 21.342,
170.656


 100, 21.342,
170.656


 65, 21.342,
170.656


 95, 21.342,
170.656

 55, 21.342,
170.656

 45, 21.342,
170.656

 35, 21.342,
170.656

 25, 21.342,
170.656

 15, 21.342,
170.656

 5, 21.342, 170.656

■ 0, 21.342, 170.656

■ 75, 21.342,
170.656

■ 75, 21.342,
170.656

■ 74, 28.744,
169.507

■ 76, 13.616,
171.708

■ 73, 35.685,
168.242

■ 78, 5.686, 172.716

■ 72, 42.037,
166.836

■ 79, 2.342, 353.333

■ 81, 10.381,
354.319

■ 71, 47.684,
165.263

■ 83, 18.363,
355.125

■ 71, 52.551,
163.500

■ 85, 24.606,
353.823

■ 70, 56.616,
161.533

■ 85, 26.195,

■ 70, 59.954,
159.378

346.928

■ 70, 60.869,
158.758

■ 85, 28.142,
340.944

■ 85, 30.374,
335.831

Harmonies

Complementary

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



75, 21.342, 170.656



65, 22.849, 356.121

Rectangle

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



75, 21.342, 170.656



75, 21.342, 220.656



75, 21.342, 350.656



75, 21.342, 40.656

Sweetspot

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



75, 21.343, 170.654



98, 7.950, 172.610



75, 31.294, 132.897



52, 5.646, 172.455



0, 0.000, 0.000



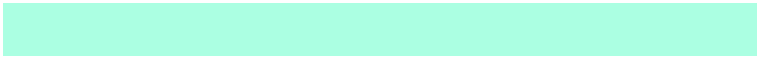
53, 0.007, 296.813

Same Dimension

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



75, 21.343, 170.654



94, 31.927, 169.929



73, 15.736, 214.311



40, 4.506, 172.485



58, 52.298, 159.113



10, 16.214, 165.130

Inverse Universe

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



65, 22.849, 356.121



79, 34.762, 356.992



66, 19.000, 34.240



38, 4.613, 354.092



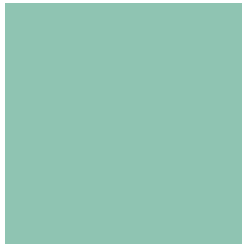
34, 60.884, 16.806



3, 14.781, 1.450

Previews

White Background



This preview shows how the CIELCh color 75, 21.342, 170.656 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 75, 21.342, 170.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

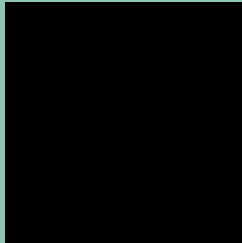
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

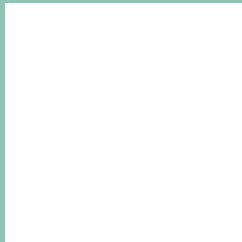
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 21.342, 170.656

Background



This preview shows how black text looks on a background with the CIELCh color 75, 21.342, 170.656.

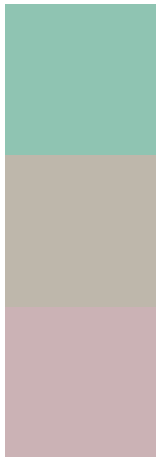


This preview shows how white text looks on a background with the CIELCh color 75, 21.342, 170.656.

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
75, 21.342, 170.656

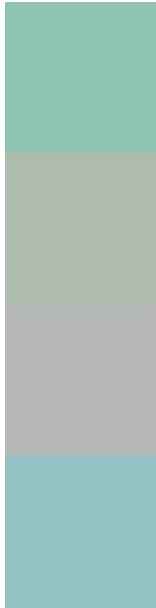
Protanopia
75, 6.981, 86.933

Deuteranopia
75, 9.638, 10.565



Tritanopia
75, 16.199, 230.952

Trichromacy



Original Color
75, 21.342, 170.656

Protanomaly
75, 9.896, 144.007

Deuteranomaly
74, 2.436, 137.279

Tritanomaly
75, 15.766, 204.182

Monochromacy



Original Color
75, 21.342, 170.656

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 7.749, 173.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 21.342, 170.656 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(143, 196, 178)` looks like.

```
.text, #text, p{  
    color:rgb(143, 196, 178)  
}
```

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(143, 196, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 196, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 21.342, 170.656 is called "border". The border property can be set on classes, ids or directly on the HTML element.

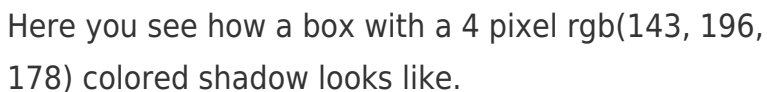
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(143, 196, 178) }
```

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

```
.border{ border-color:rgb(143, 196, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(143, 196, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 196, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 196, 178); box-shadow:4px 4px 4px 4px rgb(143, 196, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 21.342, 170.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 196, 178) }
```

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

```
.background{ background-color: rgb(143,  
196, 178) }
```

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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