

Converting Colors

CIELCh(75, 21.814, 177.188)

Have a look what the booklet for
CIELCh(75, 21.814, 177.188)
contains.

CIELCh(75, 21.740, 177.322)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 21.740, 177.322)

Conversions

Conversions Part 1

Format	Color
Hex	8AC4B6
RGB	138, 196, 182
RGB Percent	54%, 77%, 71%
CMY	0.4587, 0.2312, 0.2862
CMYK	0.30, 0.00, 0.07, 0.23
HSL	166°, 33%, 66%
HSV	166°, 30%, 77%
XYZ	38.6795, 48.2781, 51.5523
YIQ	177.0620, -30.0740, -16.6500

Conversions

Conversions Part 2

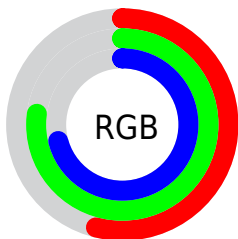
Format	Color
RYB	138, 171, 196
Decimal	9094326
CIELab	75.00, -21.72, 1.02
CIELCh	75, 21.740, 177.322
Yxy	48.2781, 0.2793, 0.3486
Android (android.graphics.Color)	4287284406 (0xFF8AC4B6)
YUV	177.0620, 2.4344, -34.2574
Hunter-Lab	69.4824, -22.2268, 4.6477

Details

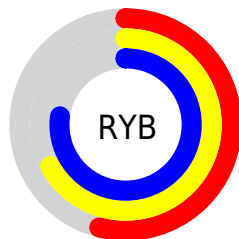
The CIELCh color **75, 21.740, 177.322** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 24.198, 3.427**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 21.781, 177.257**, and **55, 21.669, 177.055** is the 20% darker color. If you saturate the color by 10%, you get **74, 28.394, 176.213**, and if you desaturate by 10%, it is **76, 14.658, 178.352**.

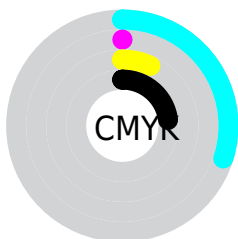
Distribution



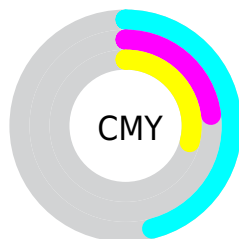
- Red (54%)
- Green (77%)
- Blue (71%)



- Red (54%)
- Yellow (67%)
- Blue (77%)



- Cyan (30%)
- Magenta (0%)
- Yellow (7%)
- Black (23%)





- Cyan (46%)
- Magenta (23%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 21.740, 177.322 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, 21.740, 177.322 by changing the saturation by 10% instead.


 75, 21.740,
177.322


 75, 21.740,
177.322


 100, 21.740,
177.322


 65, 21.740,
177.322


 95, 21.740,
177.322

 55, 21.740,
177.322

 45, 21.740,
177.322

 35, 21.740,
177.322

 25, 21.740,
177.322

 15, 21.740,
177.322

 5, 21.740, 177.322

0, 21.740, 177.322

75, 21.740,
177.322

75, 21.740,
177.322

74, 28.394,
176.213

76, 14.658,
178.352

73, 34.489,
175.011

78, 7.267, 179.344

72, 39.908,
173.692

79, 0.319, 358.647

81, 8.007, 0.980

72, 44.556,
172.231

83, 15.718, 1.831

71, 48.382,
170.605

85, 23.159, 2.408

85, 23.903,
356.707

71, 51.395,
168.797

■ 71, 53.759,
166.845

■ 85, 24.882,
351.418

■ 71, 53.853,
166.766

■ 85, 26.070,
346.591

Harmonies

Complementary

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



75, 21.740, 177.322



64, 24.198, 3.427

Rectangle

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



75, 21.740, 177.322



75, 21.740, 227.322



75, 21.740, 357.322



75, 21.740, 47.322

Sweetspot

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



75, 21.741, 177.319



98, 8.449, 179.389



75, 35.268, 135.829



52, 5.862, 179.242



0, 0.000, 0.000



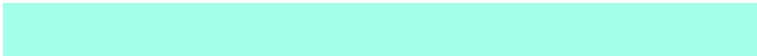
53, 0.007, 296.813

Same Dimension

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



75, 21.741, 177.319



94, 32.221, 176.556



71, 16.336, 227.568



40, 4.258, 179.367



59, 46.256, 167.088



10, 14.867, 172.535

Inverse Universe

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



64, 24.198, 3.427



77, 36.859, 4.489



67, 19.809, 44.390



38, 4.398, 0.966



33, 63.782, 25.525



3, 14.409, 6.463

Previews

White Background



This preview shows how the CIELCh color 75, 21.740, 177.322 looks on a white background.

Color Contrast Check

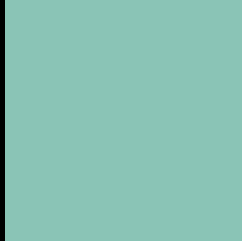
Large Text (above 18pt) WCAG AA × Fail

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, 21.740, 177.322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

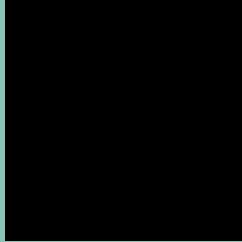
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

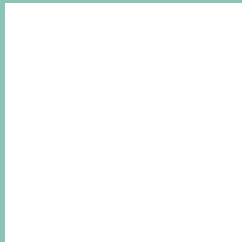
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 21.740, 177.322

Background



This preview shows how black text looks on a background with the CIELCh color 75, 21.740, 177.322.

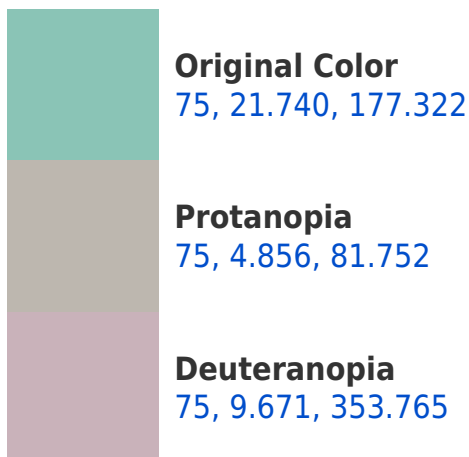


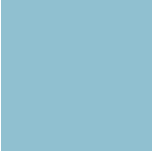
This preview shows how white text looks on a background with the CIELCh color 75, 21.740, 177.322.

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
75, 17.748, 227.707

Trichromacy



Original Color
75, 21.740, 177.322

Protanomaly
75, 8.627, 160.059

Deuteranomaly
75, 2.571, 199.400

Tritanomaly
75, 17.347, 209.008

Monochromacy



Original Color
75, 21.740, 177.322

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 8.186, 179.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 21.740, 177.322 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(138, 196, 182)` looks like.

```
.text, #text, p{  
    color:rgb(138, 196, 182)  
}
```

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(138, 196, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 196, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 21.740, 177.322 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(138, 196, 182) }
```

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

```
.border{ border-color:rgb(138, 196, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 196, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 196, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 196, 182);  
box-shadow:4px 4px 4px 4px rgb(138, 196,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 21.740, 177.322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 196, 182) }
```

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

```
.background{ background-color: rgb(138,  
196, 182) }
```

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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