

Converting Colors

CIELCh(75, 17.575, 197.990)

Have a look what the booklet for
CIELCh(75, 17.575, 197.990)
contains.

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Color

CIELCh(75, 17.713, 198.077)

Conversions

Conversions Part 1

Format	Color
Hex	8EC2C2
RGB	142, 194, 194
RGB Percent	56%, 76%, 76%
CMY	0.4428, 0.2389, 0.2389
CMYK	0.27, 0.00, 0.00, 0.24
HSL	180°, 30%, 66%
HSV	180°, 27%, 76%
XYZ	40.2273, 48.2781, 58.2868
YIQ	178.4520, -30.9920, -11.0240

Conversions

Conversions Part 2

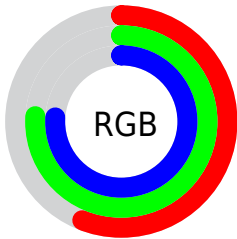
Format	Color
RYB	142, 168, 194
Decimal	9355970
CIELab	75.00, -16.84, -5.50
CIElCh	75, 17.713, 198.077
Yxy	48.2781, 0.2740, 0.3289
Android (android.graphics.Color)	4287546050 (0xFF8EC2C2)
YUV	178.4520, 7.6652, -31.9684
Hunter-Lab	69.4824, -18.2507, -1.0990

Details

The CIELCh color **75, 17.713, 198.077** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 21.201, 21.512**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 17.886, 196.648**, and **55, 17.526, 197.730** is the 20% darker color. If you saturate the color by 10%, you get **74, 23.368, 197.644**, and if you desaturate by 10%, it is **76, 11.476, 198.561**.

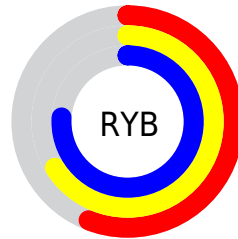
Distribution



Red (56%)

Green (76%)

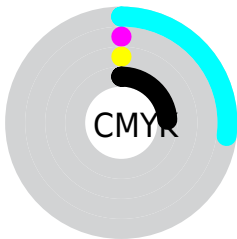
Blue (76%)



Red (56%)

Yellow (66%)

Blue (76%)

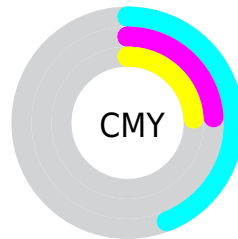


Cyan (27%)

Magenta (0%)

Yellow (0%)

Black (24%)



Cyan (44%)


Magenta (24%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 17.713, 198.077 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, 17.713, 198.077 by changing the saturation by 10% instead.


 75, 17.713,
198.077


 75, 17.713,
198.077


 100, 17.713,
198.077


 65, 17.713,
198.077


 95, 17.713,
198.077

 55, 17.713,
198.077

 45, 17.713,
198.077

 35, 17.713,
198.077

 25, 17.713,
198.077

 15, 17.713,
198.077

 5, 17.713, 198.077

■ 0, 17.713, 198.077

■ 75, 17.713,
198.077

■ 75, 17.713,
198.077

■ 74, 23.368,
197.644

■ 76, 11.476,
198.561

■ 73, 28.328,
197.277

■ 77, 4.768, 199.143

■ 72, 32.499,
196.972

■ 79, 2.301, 19.347

■ 81, 9.633, 20.106

■ 72, 35.814,
196.734

■ 82, 17.143, 20.731

■ 72, 38.244,
196.561

■ 84, 23.366, 21.240

■ 84, 23.366, 21.239

■ 71, 39.815,
196.449

■ 84, 23.366, 21.238

■ 71, 40.625,
196.392

■ 84, 23.366, 21.237

■ 71, 40.812,
196.378

Harmonies

Complementary

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



75, 17.713, 198.077



64, 21.201, 21.512

Rectangle

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



75, 17.713, 198.077



75, 17.713, 248.077



75, 17.713, 18.077



75, 17.713, 68.077

Sweetspot

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



75, 17.714, 198.073



98, 6.929, 199.054



74, 34.127, 142.235



52, 4.945, 198.958



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, 17.714, 198.073



94, 25.620, 197.821



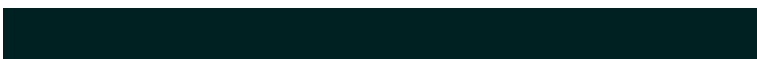
68, 16.287, 257.605



40, 3.949, 198.976



60, 35.476, 196.379



11, 12.444, 196.386

Inverse Universe

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



64, 21.201, 21.512



78, 32.015, 22.198



70, 17.648, 70.352



38, 4.187, 19.916



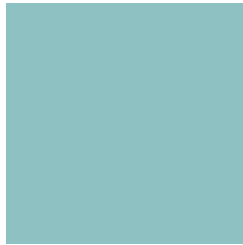
33, 73.725, 39.721



3, 13.999, 19.402

Previews

White Background



This preview shows how the CIELCh color 75, 17.713, 198.077 looks on a white background.

Color Contrast Check

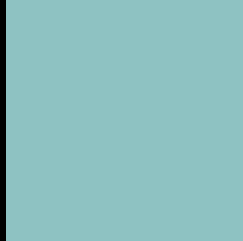
Large Text (above 18pt) WCAG AA × Fail

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 75, 17.713, 198.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

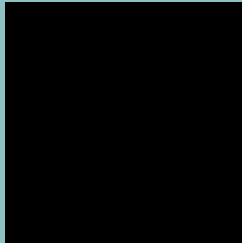
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

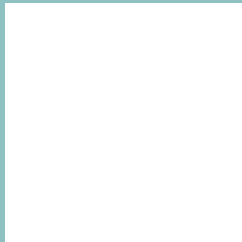
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 17.713, 198.077

Background



This preview shows how black text looks on a background with the CIELCh color 75, 17.713, 198.077.

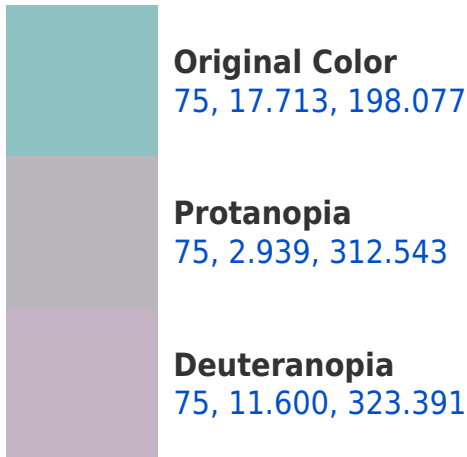


This preview shows how white text looks on a background with the CIELCh color 75, 17.713, 198.077.

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, 17.285, 226.513

Trichromacy



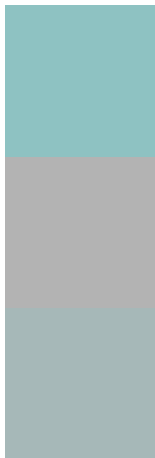
Original Color
75, 17.713, 198.077

Protanomaly
75, 6.291, 213.989

Deuteranomaly
75, 7.036, 266.821

Tritanomaly
75, 16.957, 215.014

Monochromacy



Original Color
75, 17.713, 198.077

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 6.527, 198.958

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 17.713, 198.077 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, 194, 194)` looks like.

```
.text, #text, p{  
    color:rgb(142, 194, 194)  
}
```

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, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 194, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 17.713, 198.077 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, 194, 194) }
```

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

```
.border{ border-color:rgb(142, 194, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 194, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(142, 194,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 17.713, 198.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 194, 194) }
```

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

```
.background{ background-color: rgb(142,  
194, 194) }
```

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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