

Converting Colors

CIELCh(75, 17.303, 164.398)

Have a look what the booklet for
CIELCh(75, 17.303, 164.398)
contains.

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Color

CIELCh(75, 17.006, 165.435)

Conversions

Conversions Part 1

Format	Color
Hex	9AC1B0
RGB	154, 193, 176
RGB Percent	60%, 76%, 69%
CMY	0.3952, 0.2422, 0.3089
CMYK	0.20, 0.00, 0.09, 0.24
HSL	154°, 24%, 68%
HSV	154°, 20%, 76%
XYZ	40.3493, 48.2781, 48.3842
YIQ	179.4010, -17.7870, -13.5550

Conversions

Conversions Part 2

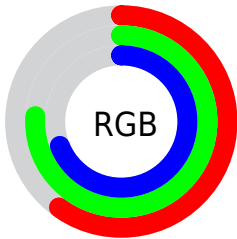
Format	Color
RYB	154, 179, 193
Decimal	10142128
CIELab	75.00, -16.46, 4.28
CIElCh	75, 17.006, 165.435
Yxy	48.2781, 0.2945, 0.3524
Android (android.graphics.Color)	4288332208 (0xFF9AC1B0)
YUV	179.4010, -1.6767, -22.2767
Hunter-Lab	69.4824, -17.9372, 7.3510

Details

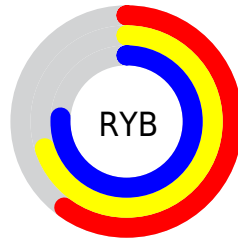
The CIELCh color **75, 17.006, 165.435** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 17.591, 349.116**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 17.098, 165.609**, and **55, 16.681, 166.631** is the 20% darker color. If you saturate the color by 10%, you get **74, 25.226, 164.368**, and if you desaturate by 10%, it is **76, 8.613, 166.412**.

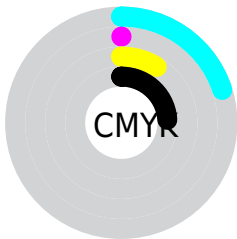
Distribution



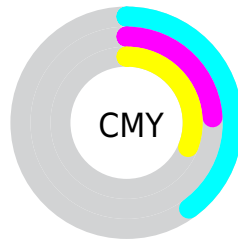
- Red (60%)
- Green (76%)
- Blue (69%)



- Red (60%)
- Yellow (70%)
- Blue (76%)



- Cyan (20%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)




- Cyan (40%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 17.006, 165.435 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, 17.006, 165.435 by changing the saturation by 10% instead.


 75, 17.006,
165.435

 75, 17.006,
165.435


 100, 17.006,
165.435


 65, 17.006,
165.435


 95, 17.006,
165.435

 55, 17.006,
165.435

 45, 17.006,
165.435

 35, 17.006,
165.435

 25, 17.006,
165.435

 15, 17.006,
165.435

 5, 17.006, 165.435

■ 0, 17.006, 165.435

■ 75, 17.006,
165.435

■ 75, 17.006,
165.435

■ 74, 25.226,
164.368

■ 76, 8.613, 166.412

■ 73, 33.137,
163.187

■ 78, 0.153, 169.966

■ 72, 40.603,
161.864

■ 80, 8.281, 347.986

■ 71, 47.484,
160.374

■ 82, 16.620,
348.755

■ 70, 53.662,
158.693

■ 84, 24.813,
349.456

■ 70, 59.061,
156.804

■ 85, 28.346,
343.496

■ 85, 31.061,
336.906

■ 69, 63.666,
154.705

■ 85, 34.147,
331.509

■ 69, 67.567,
152.525

■ 85, 37.507,
327.110

Harmonies

Complementary

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



75, 17.006, 165.435



68, 17.591, 349.116

Rectangle

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



75, 17.006, 165.435



75, 17.006, 215.435



75, 17.006, 345.435



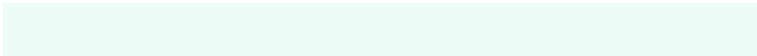
75, 17.006, 35.435

Sweetspot

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



75, 17.007, 165.433



98, 6.302, 166.811



76, 22.475, 129.908



53, 4.214, 166.744



0, 0.000, 0.000



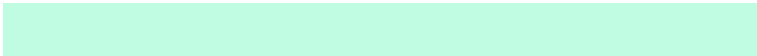
53, 0.007, 296.813

Same Dimension

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



75, 17.007, 165.433



95, 25.049, 164.998



75, 12.933, 203.150



40, 4.804, 166.491



58, 58.536, 152.869



10, 17.594, 159.436

Inverse Universe

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



68, 17.591, 349.116



84, 26.091, 349.574



68, 14.801, 24.847



38, 4.883, 348.024



34, 59.770, 7.598



3, 15.331, 356.111

Previews

White Background



This preview shows how the CIELCh color 75, 17.006, 165.435 looks on a white background.

Color Contrast Check

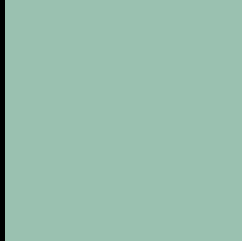
Large Text (above 18pt) WCAG AA × Fail

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, 17.006, 165.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

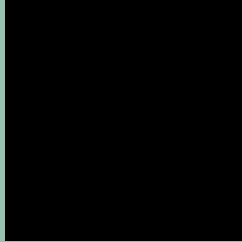
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

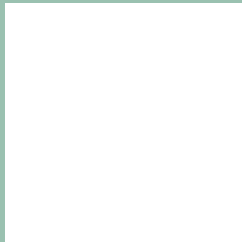
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 17.006, 165.435

Background



This preview shows how black text looks on a background with the CIELCh color 75, 17.006, 165.435.

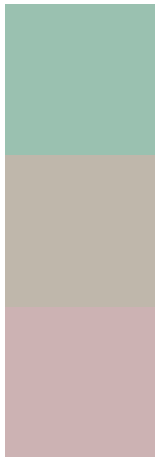


This preview shows how white text looks on a background with the CIELCh color 75, 17.006, 165.435.

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, 17.006, 165.435

Protanopia
75, 7.137, 84.064

Deuteranopia
75, 9.942, 17.108



Tritanopia
75, 12.871, 238.000

Trichromacy



Original Color
75, 17.006, 165.435

Protanomaly
75, 8.292, 133.606

Deuteranomaly
75, 3.305, 96.682

Tritanomaly
75, 11.950, 206.371

Monochromacy



Original Color
75, 17.006, 165.435

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 6.144, 167.101

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 17.006, 165.435 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(154, 193, 176)` looks like.

```
.text, #text, p{  
    color:rgb(154, 193, 176)  
}
```

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(154, 193, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 193, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 17.006, 165.435 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(154, 193, 176) }
```

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

```
.border{ border-color:rgb(154, 193, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 193, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 193, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 193, 176);  
box-shadow:4px 4px 4px 4px rgb(154, 193,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 17.006, 165.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 193, 176) }
```

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

```
.background{ background-color: rgb(154,  
193, 176) }
```

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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