

Converting Colors

CIELCh(75, 18.810, 202.826)

Have a look what the booklet for
CIELCh(75, 18.810, 202.826)
contains.

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Color

CIELCh(75, 18.802, 203.000)

Conversions

Conversions Part 1

Format	Color
Hex	8AC2C5
RGB	138, 194, 197
RGB Percent	54%, 76%, 77%
CMY	0.4571, 0.2374, 0.2257
CMYK	0.30, 0.02, 0.00, 0.23
HSL	183°, 34%, 66%
HSV	183°, 30%, 77%
XYZ	40.0768, 48.2781, 60.3019
YIQ	177.5980, -34.3390, -10.9390

Conversions

Conversions Part 2

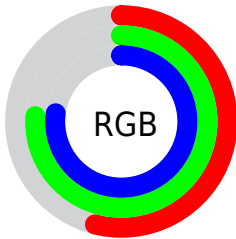
Format	Color
RYB	138, 167, 197
Decimal	9093829
CIELab	75.00, -17.31, -7.35
CIELCh	75, 18.802, 203.000
Yxy	48.2781, 0.2696, 0.3248
Android (android.graphics.Color)	4287283909 (0xFF8AC2C5)
YUV	177.5980, 9.5652, -34.7274
Hunter-Lab	69.4824, -18.6372, -2.8185

Details

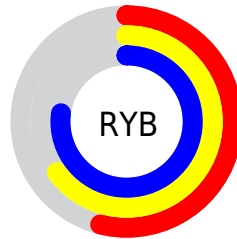
The CIELCh color **75, 18.802, 203.000** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 23.163, 25.735**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 18.952, 202.952**, and **55, 18.797, 202.957** is the 20% darker color. If you saturate the color by 10%, you get **74, 24.033, 202.852**, and if you desaturate by 10%, it is **76, 12.967, 203.238**.

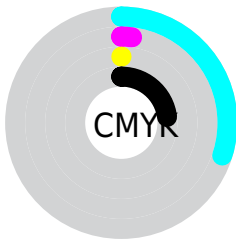
Distribution



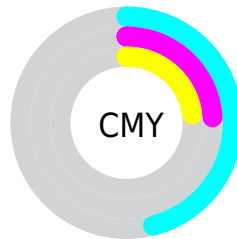
- Red (54%)
- Green (76%)
- Blue (77%)



- Red (54%)
- Yellow (65%)
- Blue (77%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)





- Cyan (46%)
- Magenta (24%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 18.802, 203.000 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, 18.802, 203.000 by changing the saturation by 10% instead.


 75, 18.802,
203.000


 75, 18.802,
203.000


 100, 18.802,
203.000


 65, 18.802,
203.000


 95, 18.802,
203.000

 55, 18.802,
203.000

 45, 18.802,
203.000

 35, 18.802,
203.000

 25, 18.802,
203.000

 15, 18.802,
203.000

 5, 18.802, 203.000

0, 18.802, 203.000

75, 18.802,
203.000

75, 18.802,
203.000

74, 24.033,
202.852

76, 12.967,
203.238

73, 28.552,
202.820

78, 6.638, 203.583

72, 32.266,
202.915

80, 0.079, 16.919

82, 7.087, 24.199

71, 35.114,
203.156

84, 14.302, 24.686

70, 37.074,
203.557

85, 20.907, 25.265

86, 20.583, 26.738

70, 38.183,
204.132

86, 20.273, 28.259

■ 69, 38.626,
204.860

■ 86, 19.979, 29.825

■ 69, 38.631,
204.868

Harmonies

Complementary

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



75, 18.802, 203.000



64, 23.163, 25.735

Rectangle

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



75, 18.802, 203.000



75, 18.802, 253.000



75, 18.802, 23.000



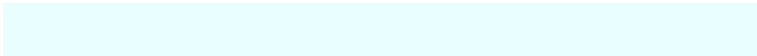
75, 18.802, 73.000

Sweetspot

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



75, 18.802, 202.996



98, 7.452, 203.615



75, 37.488, 143.703



52, 5.158, 203.553



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, 18.802, 202.996



93, 27.108, 202.888



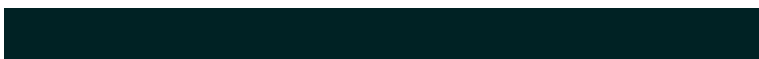
67, 19.687, 265.369



41, 3.835, 203.604



58, 33.566, 204.743



11, 12.309, 202.792

Inverse Universe

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



65, 37.475, 327.494



79, 55.309, 327.858



71, 20.840, 76.783



39, 7.131, 326.331



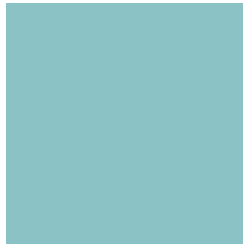
38, 79.558, 330.340



4, 25.604, 328.728

Previews

White Background



This preview shows how the CIELCh color 75, 18.802, 203.000 looks on a white background.

Color Contrast Check

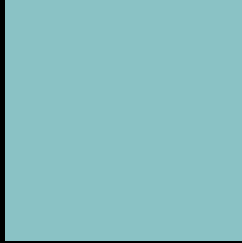
Large Text (above 18pt) WCAG AA × Fail

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, 18.802, 203.000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

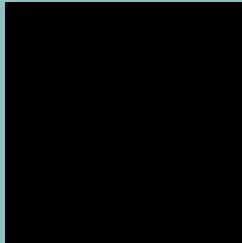
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

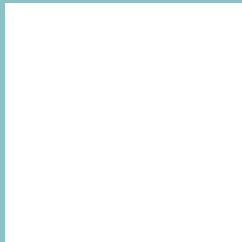
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 18.802, 203.000

Background



This preview shows how black text looks on a background with the CIELCh color 75, 18.802, 203.000.

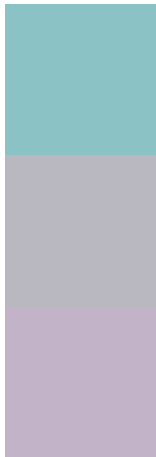


This preview shows how white text looks on a background with the CIELCh color 75, 18.802, 203.000.

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](#).

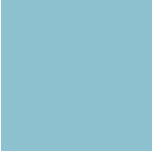
Dichromacy



Original Color
75, 18.802, 203.000

Protanopia
75, 4.401, 300.163

Deuteranopia
75, 13.140, 315.597

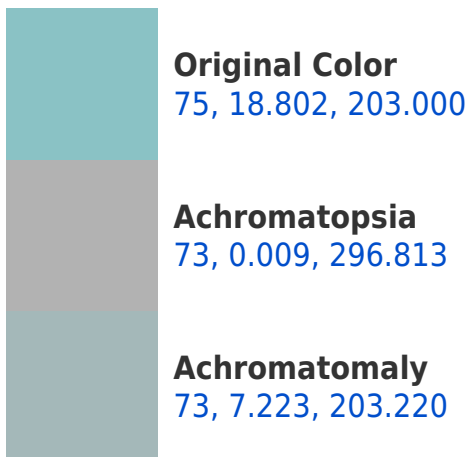


Tritanopia
75, 18.598, 224.268

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 18.802, 203.000 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, 194, 197)` looks like.

```
.text, #text, p{  
    color:rgb(138, 194, 197)  
}
```

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, 194, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 194, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 18.802, 203.000 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, 194, 197) }
```

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

```
.border{ border-color:rgb(138, 194, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 194, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 194, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 194, 197);  
box-shadow:4px 4px 4px 4px rgb(138, 194,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 18.802, 203.000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 194, 197) }
```

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

```
.background{ background-color: rgb(138,  
194, 197) }
```

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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