

Converting Colors

CIELCh(75, 16.870, 190.641)

Have a look what the booklet for
CIELCh(75, 16.870, 190.641)
contains.

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Color

CIELCh(75, 16.834, 190.717)

Conversions

Conversions Part 1

Format	Color
Hex	92C2BE
RGB	146, 194, 190
RGB Percent	57%, 76%, 75%
CMY	0.4283, 0.2401, 0.2558
CMYK	0.25, 0.00, 0.02, 0.24
HSL	175°, 28%, 67%
HSV	175°, 25%, 76%
XYZ	40.3232, 48.2781, 55.7763
YIQ	179.1920, -27.3240, -11.4200

Conversions

Conversions Part 2

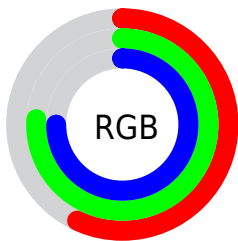
Format	Color
RYB	146, 171, 194
Decimal	9618110
CIELab	75.00, -16.54, -3.13
CIELCh	75, 16.834, 190.717
Yxy	48.2781, 0.2793, 0.3344
Android (android.graphics.Color)	4287808190 (0xFF92C2BE)
YUV	179.1920, 5.3283, -29.1094
Hunter-Lab	69.4824, -18.0041, 1.0433

Details

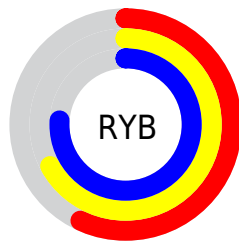
The CIELCh color **75, 16.834, 190.717** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 19.333, 14.820**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 17.013, 189.629**, and **55, 16.624, 191.803** is the 20% darker color. If you saturate the color by 10%, you get **74, 22.871, 189.961**, and if you desaturate by 10%, it is **76, 10.304, 191.471**.

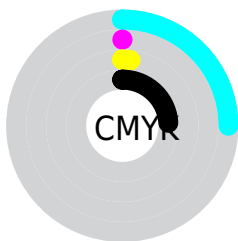
Distribution



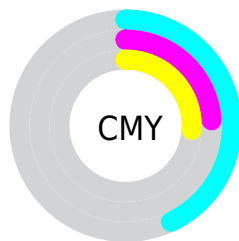
- Red (57%)
- Green (76%)
- Blue (75%)



- Red (57%)
- Yellow (67%)
- Blue (76%)



- Cyan (25%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)





- Cyan (43%)
- Magenta (24%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 16.834, 190.717 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, 16.834, 190.717 by changing the saturation by 10% instead.


 75, 16.834,
190.717

 75, 16.834,
190.717


 100, 16.834,
190.717


 65, 16.834,
190.717


 95, 16.834,
190.717

 55, 16.834,
190.717

 45, 16.834,
190.717

 35, 16.834,
190.717

 25, 16.834,
190.717

 15, 16.834,
190.717

 5, 16.834, 190.717

0, 16.834, 190.717

75, 16.834,
190.717

75, 16.834,
190.717

74, 22.871,
189.961

76, 10.304,
191.471

73, 28.295,
189.204

78, 3.394, 192.310

72, 32.997,
188.432

79, 3.788, 12.749

81, 11.151, 13.570

72, 36.890,
187.633

83, 18.618, 14.313

71, 39.920,
186.793

84, 23.405, 14.029

84, 23.451, 11.979

71, 42.086,
185.895

84, 23.528, 9.939

■ 71, 43.449,
184.924

■ 84, 23.637, 7.917

■ 71, 43.973,
184.401

Harmonies

Complementary

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



75, 16.834, 190.717



65, 19.333, 14.820

Rectangle

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



75, 16.834, 190.717



75, 16.834, 240.717



75, 16.834, 10.717



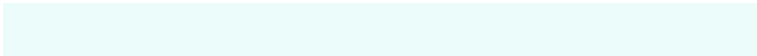
75, 16.834, 60.717

Sweetspot

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



75, 16.835, 190.713



98, 6.152, 192.087



74, 30.672, 140.291



53, 4.025, 192.034



0, 0.000, 0.000



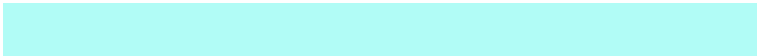
53, 0.007, 296.813

Same Dimension

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



75, 16.835, 190.713



94, 24.830, 190.284



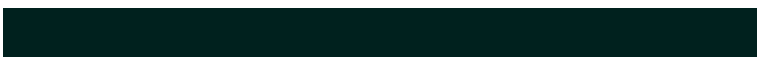
70, 14.156, 247.125



40, 4.002, 191.897



59, 38.223, 184.553



10, 13.095, 187.214

Inverse Universe

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



65, 19.333, 14.820



79, 29.546, 15.562



70, 15.782, 61.394



38, 4.206, 13.185



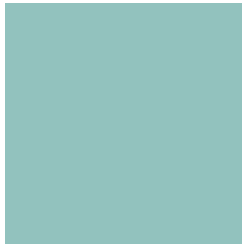
33, 70.490, 36.197



3, 14.059, 14.859

Previews

White Background



This preview shows how the CIELCh color 75, 16.834, 190.717 looks on a white background.

Color Contrast Check

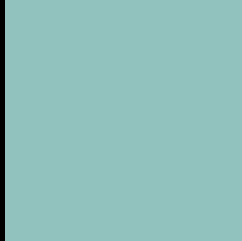
Large Text (above 18pt) WCAG AA × Fail

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, 16.834, 190.717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

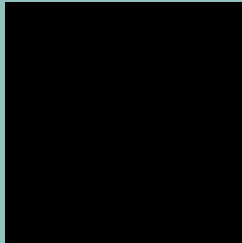
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

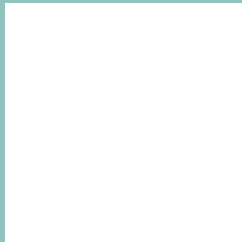
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 16.834, 190.717

Background



This preview shows how black text looks on a background with the CIELCh color 75, 16.834, 190.717.

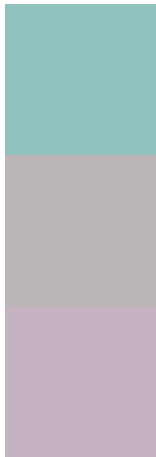


This preview shows how white text looks on a background with the CIELCh color 75, 16.834, 190.717.

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, 16.834, 190.717

Protanopia
75, 1.593, 359.417

Deuteranopia
75, 10.357, 333.435



Tritanopia
75, 16.199, 230.952

Trichromacy



Original Color
75, 16.834, 190.717

Protanomaly
75, 5.495, 193.408

Deuteranomaly
75, 4.660, 267.737

Tritanomaly
75, 15.503, 216.748

Monochromacy



Original Color
75, 16.834, 190.717

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 6.221, 193.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 16.834, 190.717 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(146, 194, 190)` looks like.

```
.text, #text, p{  
    color:rgb(146, 194, 190)  
}
```

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(146, 194, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 194, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 16.834, 190.717 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(146, 194, 190) }
```

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

```
.border{ border-color:rgb(146, 194, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 194, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 194, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 194, 190);  
box-shadow:4px 4px 4px 4px rgb(146, 194,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 16.834, 190.717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 194, 190) }
```

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

```
.background{ background-color: rgb(146,  
194, 190) }
```

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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