

Converting Colors

CIELCh(75, 16.296, 176.697)

Have a look what the booklet for
CIELCh(75, 16.296, 176.697)
contains.

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Color

CIELCh(75, 16.223, 176.623)

Conversions

Conversions Part 1

Format	Color
Hex	97C1B6
RGB	151, 193, 182
RGB Percent	59%, 76%, 71%
CMY	0.4066, 0.2419, 0.2851
CMYK	0.22, 0.00, 0.06, 0.24
HSL	164°, 25%, 68%
HSV	164°, 22%, 76%
XYZ	40.4346, 48.2781, 51.6120
YIQ	179.1880, -21.5010, -12.3250

Conversions

Conversions Part 2

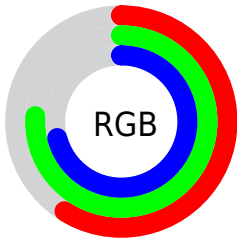
Format	Color
RYB	151, 175, 193
Decimal	9945526
CIELab	75.00, -16.19, 0.96
CIELCh	75, 16.223, 176.623
Yxy	48.2781, 0.2882, 0.3440
Android (android.graphics.Color)	4288135606 (0xFF97C1B6)
YUV	179.1880, 1.3863, -24.7209
Hunter-Lab	69.4824, -17.7180, 4.5968

Details

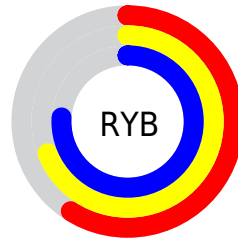
The CIELCh color **75, 16.223, 176.623** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 17.431, 0.881**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 16.385, 176.236**, and **55, 16.114, 176.844** is the 20% darker color. If you saturate the color by 10%, you get **74, 23.266, 175.557**, and if you desaturate by 10%, it is **76, 8.870, 177.625**.

Distribution



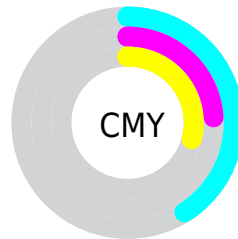
- Red (59%)
- Green (76%)
- Blue (71%)



- Red (59%)
- Yellow (69%)
- Blue (76%)



- Cyan (22%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)





- Cyan (41%)
- Magenta (24%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 16.223, 176.623 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, 16.223, 176.623 by changing the saturation by 10% instead.


 75, 16.223,
176.623


 75, 16.223,
176.623


 100, 16.223,
176.623


 65, 16.223,
176.623


 95, 16.223,
176.623

 55, 16.223,
176.623

 45, 16.223,
176.623

 35, 16.223,
176.623

 25, 16.223,
176.623

 15, 16.223,
176.623

 5, 16.223, 176.623

0, 16.223, 176.623

75, 16.223,
176.623

75, 16.223,
176.623

74, 23.266,
175.557

76, 8.870, 177.625

73, 29.871,
174.410

78, 1.316, 178.855

72, 35.913,
173.156

80, 6.340, 359.287

71, 41.276,
171.773

81, 14.021, 0.157

71, 45.873,
170.234

83, 21.665, 0.961

70, 49.660,
168.518

84, 24.934,
357.539

84, 25.944,
352.068

■ 70, 52.660,
166.613

■ 84, 27.186,
347.073

■ 70, 54.707,
164.947

■ 85, 28.631,
342.572

Harmonies

Complementary

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



75, 16.223, 176.623



67, 17.431, 0.881

Rectangle

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



75, 16.223, 176.623



75, 16.223, 226.623



75, 16.223, 356.623



75, 16.223, 46.623

Sweetspot

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



75, 16.224, 176.619



98, 6.600, 178.092



75, 25.489, 135.768



52, 4.322, 178.027



0, 0.000, 0.000



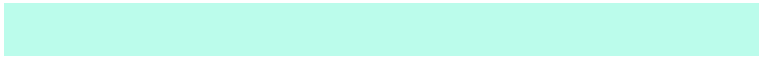
53, 0.007, 296.813

Same Dimension

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



75, 16.224, 176.619



95, 23.921, 176.131



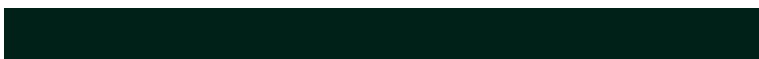
73, 12.214, 224.639



40, 4.305, 177.861



59, 47.479, 165.258



10, 15.137, 170.880

Inverse Universe

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



67, 17.431, 0.881



82, 26.129, 1.483



69, 14.036, 42.736



38, 4.438, 359.471



33, 63.046, 23.791



3, 14.477, 5.405

Previews

White Background



This preview shows how the CIELCh color 75, 16.223, 176.623 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, 16.223, 176.623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

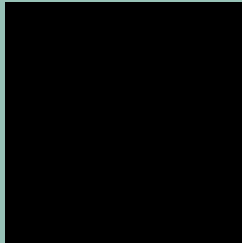
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

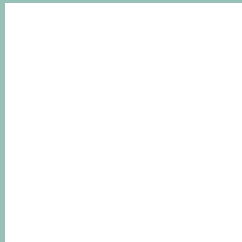
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 16.223, 176.623

Background



This preview shows how black text looks on a background with the CIELCh color 75, 16.223, 176.623.



This preview shows how white text looks on a background with the CIELCh color 75, 16.223, 176.623.

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, 16.223, 176.623

Protanopia
75, 3.931, 74.567

Deuteranopia
75, 9.455, 356.707



Tritanopia
75, 13.881, 234.580

Trichromacy



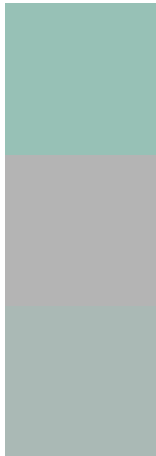
Original Color
75, 16.223, 176.623

Protanomaly
75, 6.239, 155.267

Deuteranomaly
75, 0.369, 200.779

Tritanomaly
75, 13.084, 212.913

Monochromacy



Original Color
75, 16.223, 176.623

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 5.950, 177.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 16.223, 176.623 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(151, 193, 182)` looks like.

```
.text, #text, p{  
    color:rgb(151, 193, 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(151, 193, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 193, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 16.223, 176.623 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(151, 193, 182) }
```

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

```
.border{ border-color:rgb(151, 193, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 193, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 193, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 193, 182);  
box-shadow:4px 4px 4px 4px rgb(151, 193,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 16.223, 176.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 193, 182) }
```

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

```
.background{ background-color: rgb(151,  
193, 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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