

Converting Colors

CIELCh(75, 14.957, 173.898)

Have a look what the booklet for
CIELCh(75, 14.957, 173.898)
contains.

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Color

CIELCh(75, 15.234, 173.039)

Conversions

Conversions Part 1

Format	Color
Hex	9BC1B5
RGB	155, 193, 181
RGB Percent	61%, 76%, 71%
CMY	0.3932, 0.2443, 0.2913
CMYK	0.20, 0.00, 0.06, 0.24
HSL	161°, 23%, 68%
HSV	161°, 20%, 76%
XYZ	40.7818, 48.2781, 50.7327
YIQ	180.2700, -18.7960, -11.7880

Conversions

Conversions Part 2

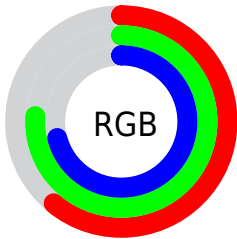
Format	Color
RYB	155, 178, 193
Decimal	10207669
CIELab	75.00, -15.12, 1.85
CIELCh	75, 15.234, 173.039
Yxy	48.2781, 0.2917, 0.3454
Android (android.graphics.Color)	4288397749 (0xFF9BC1B5)
YUV	180.2700, 0.3599, -22.1618
Hunter-Lab	69.4824, -16.8262, 5.3471

Details

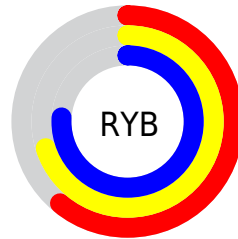
The CIELCh color **75, 15.234, 173.039** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 16.072, 356.838**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 15.420, 172.767**, and **55, 15.119, 173.157** is the 20% darker color. If you saturate the color by 10%, you get **74, 22.650, 171.964**, and if you desaturate by 10%, it is **76, 7.573, 174.046**.

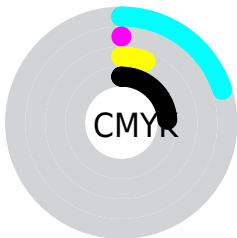
Distribution



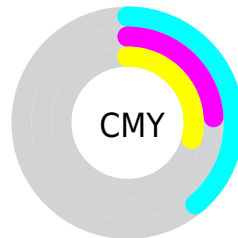
- Red (61%)
- Green (76%)
- Blue (71%)



- Red (61%)
- Yellow (70%)
- Blue (76%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)





- Cyan (39%)
- Magenta (24%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 15.234, 173.039 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, 15.234, 173.039 by changing the saturation by 10% instead.


 75, 15.234,
173.039


 75, 15.234,
173.039


 100, 15.234,
173.039


 65, 15.234,
173.039


 95, 15.234,
173.039

 55, 15.234,
173.039

 45, 15.234,
173.039

 35, 15.234,
173.039

 25, 15.234,
173.039

 15, 15.234,
173.039

 5, 15.234, 173.039

0, 15.234, 173.039

75, 15.234,
173.039

75, 15.234,
173.039

74, 22.650,
171.964

76, 7.573, 174.046

73, 29.694,
170.799

78, 0.229, 352.891

80, 8.077, 355.697

72, 36.236,
169.516

82, 15.901,
356.532

71, 42.152,
168.091

84, 23.643,
357.308

70, 47.342,
166.500

84, 26.166,
352.269

70, 51.743,
164.719

84, 27.673,
346.359

■ 69, 55.359,
162.738

■ 84, 29.462,
341.146

■ 69, 58.348,
160.612

■ 85, 31.483,
336.603

■ 69, 58.432,
160.553

Harmonies

Complementary

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



75, 15.234, 173.039



68, 16.072, 356.838

Rectangle

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



75, 15.234, 173.039



75, 15.234, 223.039



75, 15.234, 353.039



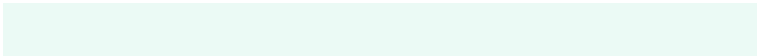
75, 15.234, 43.039

Sweetspot

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



75, 15.235, 173.036



97, 5.786, 174.419



75, 22.719, 134.328



52, 3.836, 174.349



99, 0.012, 296.813



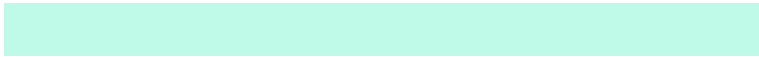
52, 0.007, 296.813

Same Dimension

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



75, 15.235, 173.036



94, 22.773, 172.546



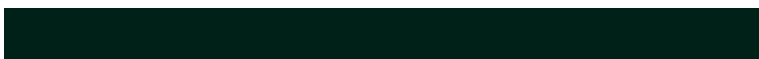
73, 11.366, 218.149



40, 4.440, 174.081



59, 50.792, 160.878



10, 15.875, 166.808

Inverse Universe

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



68, 16.072, 356.838



83, 24.346, 357.403



69, 12.949, 37.410



38, 4.555, 355.695



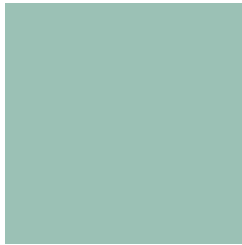
34, 61.435, 19.009



3, 14.677, 2.684

Previews

White Background



This preview shows how the CIELCh color 75, 15.234, 173.039 looks on a white background.

Color Contrast Check

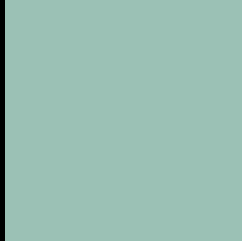
Large Text (above 18pt) WCAG AA × Fail

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, 15.234, 173.039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

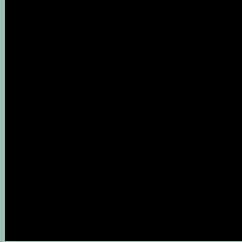
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

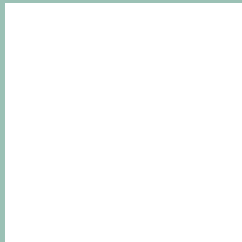
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 15.234, 173.039

Background



This preview shows how black text looks on a background with the CIELCh color 75, 15.234, 173.039.

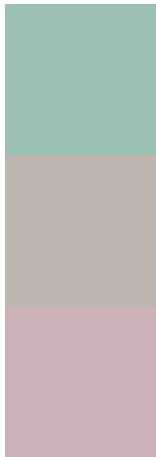


This preview shows how white text looks on a background with the CIELCh color 75, 15.234, 173.039.

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, 15.234, 173.039

Protanopia

75, 4.385, 78.544

Deuteranopia

75, 9.625, 0.615



Tritanopia
75, 12.871, 238.000

Trichromacy



Original Color
75, 15.234, 173.039

Protanomaly
75, 6.149, 147.002

Deuteranomaly
75, 0.745, 18.774

Tritanomaly
75, 11.835, 214.570

Monochromacy



Original Color
75, 15.234, 173.039

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 5.860, 171.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 15.234, 173.039 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(155, 193, 181)` looks like.

```
.text, #text, p{  
    color:rgb(155, 193, 181)  
}
```

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(155, 193, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 193, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 15.234, 173.039 is called "border". The border property can be set on classes, ids or directly on the HTML element.

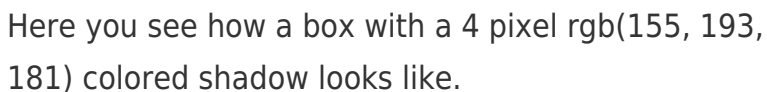
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 193, 181) }
```

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

```
.border{ border-color:rgb(155, 193, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 193, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 193, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 193, 181); box-shadow:4px 4px 4px 4px rgb(155, 193, 181) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 15.234, 173.039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 193, 181) }
```

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

```
.background{ background-color: rgb(155,  
193, 181) }
```

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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