

Converting Colors

CIELCh(75, 16.074, 150.667)

Have a look what the booklet for
CIELCh(75, 16.074, 150.667)
contains.

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Color

CIELCh(75, 16.129, 150.989)

Conversions

Conversions Part 1

Format	Color
Hex	A3C0AA
RGB	163, 192, 170
RGB Percent	64%, 75%, 67%
CMY	0.3615, 0.2478, 0.3341
CMYK	0.15, 0.00, 0.11, 0.25
HSL	134°, 19%, 70%
HSV	134°, 15%, 75%
XYZ	41.1124, 48.2781, 45.0899
YIQ	180.8210, -10.2220, -12.9900

Conversions

Conversions Part 2

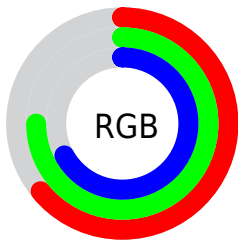
Format	Color
RYB	163, 186, 192
Decimal	10731690
CIELab	75.00, -14.11, 7.82
CIELCh	75, 16.129, 150.989
Yxy	48.2781, 0.3057, 0.3590
Android (android.graphics.Color)	4288921770 (0xFFA3C0AA)
YUV	180.8210, -5.3348, -15.6290
Hunter-Lab	69.4824, -15.9767, 10.1621

Details

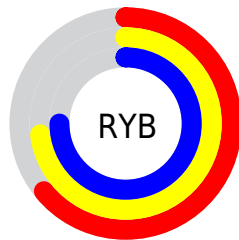
The CIELCh color **75, 16.129, 150.989** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 16.206, 332.979**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 15.977, 150.914**, and **55, 15.765, 151.327** is the 20% darker color. If you saturate the color by 10%, you get **73, 26.840, 150.152**, and if you desaturate by 10%, it is **77, 5.428, 151.744**.

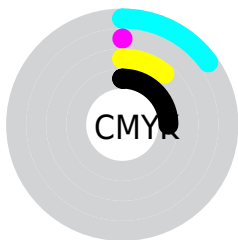
Distribution



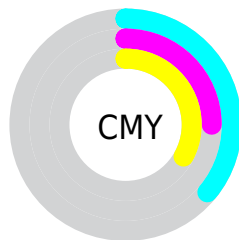
- Red (64%)
- Green (75%)
- Blue (67%)



- Red (64%)
- Yellow (73%)
- Blue (75%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)





- Cyan (36%)
- Magenta (25%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 16.129, 150.989 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, 16.129, 150.989 by changing the saturation by 10% instead.


 75, 16.129,
150.989


 75, 16.129,
150.989


 100, 16.129,
150.989


 65, 16.129,
150.989


 95, 16.129,
150.989

 55, 16.129,
150.989

 45, 16.129,
150.989

 35, 16.129,
150.989

 25, 16.129,
150.989

 15, 16.129,
150.989

 5, 16.129, 150.989

0, 16.129, 150.989

75, 16.129,
150.989

75, 16.129,
150.989

73, 26.840,
150.152

77, 5.428, 151.744

72, 37.407,
149.190

79, 5.152, 332.252

71, 47.650,
148.081

81, 15.526,
332.839

70, 57.361,
146.808

83, 25.638,
333.329

69, 66.319,
145.364

85, 34.631,
331.997

69, 74.313,
143.759

85, 39.623,
325.800

■ 68, 81.156,
142.031

■ 68, 86.711,
140.258

■ 68, 89.007,
139.471

Harmonies

Complementary

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



75, 16.129, 150.989



70, 16.206, 332.979

Rectangle

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



75, 16.129, 150.989



75, 16.129, 200.989



75, 16.129, 330.989



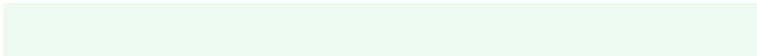
75, 16.129, 20.989

Sweetspot

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



75, 16.131, 150.988



97, 6.574, 151.747



76, 15.717, 118.312



52, 4.487, 151.693



99, 0.012, 296.813



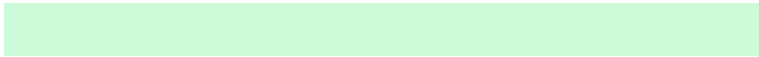
52, 0.007, 296.813

Same Dimension

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



75, 16.131, 150.988



94, 23.831, 150.735



75, 11.347, 176.950



40, 6.083, 151.425



58, 77.594, 139.722



10, 21.558, 148.821

Inverse Universe

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



70, 16.206, 332.979



87, 23.954, 333.196



70, 11.909, 359.764



38, 6.106, 332.587



36, 68.100, 340.617



4, 19.256, 336.809

Previews

White Background



This preview shows how the CIELCh color 75, 16.129, 150.989 looks on a white background.

Color Contrast Check

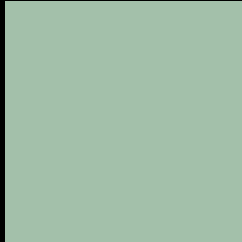
Large Text (above 18pt) WCAG AA × Fail

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, 16.129, 150.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

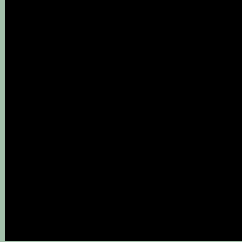
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

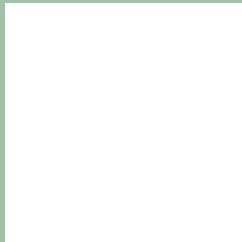
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 16.129, 150.989

Background



This preview shows how black text looks on a background with the CIELCh color 75, 16.129, 150.989.

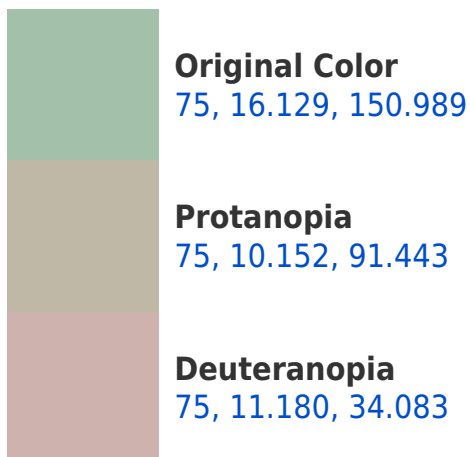


This preview shows how white text looks on a background with the CIELCh color 75, 16.129, 150.989.

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](#).

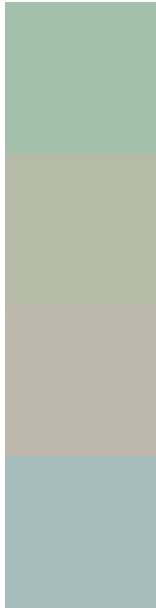
Dichromacy





Tritanopia
75, 10.322, 251.008

Trichromacy



Original Color
75, 16.129, 150.989

Protanomaly
75, 11.001, 121.202

Deuteranomaly
75, 6.484, 85.195

Tritanomaly
75, 8.232, 202.599

Monochromacy



Original Color
75, 16.129, 150.989

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 5.989, 152.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 16.129, 150.989 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(163, 192, 170)` looks like.

```
.text, #text, p{  
    color:rgb(163, 192, 170)  
}
```

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(163, 192, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 192, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 16.129, 150.989 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(163, 192, 170) }
```

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

```
.border{ border-color:rgb(163, 192, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 192, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 192, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 192, 170);  
box-shadow:4px 4px 4px 4px rgb(163, 192,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 16.129, 150.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 192, 170) }
```

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

```
.background{ background-color: rgb(163,  
192, 170) }
```

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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