

Converting Colors

CIELCh(75, 15.233, 159.985)

Have a look what the booklet for
CIELCh(75, 15.233, 159.985)
contains.

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Color

CIELCh(75, 15.013, 160.630)

Conversions

Conversions Part 1

Format	Color
Hex	A0C0AF
RGB	160, 192, 175
RGB Percent	63%, 75%, 69%
CMY	0.3725, 0.2470, 0.3137
CMYK	0.17, 0.00, 0.09, 0.25
HSL	148°, 20%, 69%
HSV	148°, 17%, 75%
XYZ	41.0935, 48.2781, 47.7190
YIQ	180.4940, -13.6150, -12.0710

Conversions

Conversions Part 2

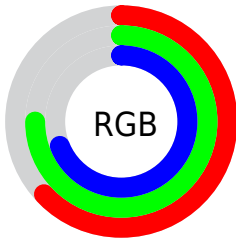
Format	Color
RYB	160, 182, 192
Decimal	10535087
CIELab	75.00, -14.16, 4.98
CIELCh	75, 15.013, 160.630
Yxy	48.2781, 0.2998, 0.3522
Android (android.graphics.Color)	4288725167 (0xFFA0C0AF)
YUV	180.4940, -2.7085, -17.9732
Hunter-Lab	69.4824, -16.0253, 7.9187

Details

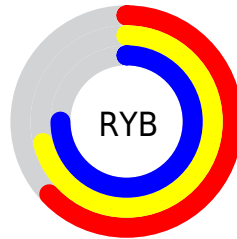
The CIELCh color **75, 15.013, 160.630** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 15.287, 343.367**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 14.582, 161.745**, and **55, 14.592, 161.805** is the 20% darker color. If you saturate the color by 10%, you get **74, 23.946, 159.646**, and if you desaturate by 10%, it is **77, 5.998, 161.535**.

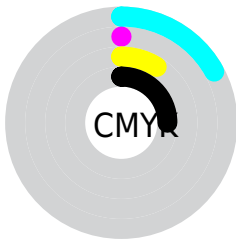
Distribution



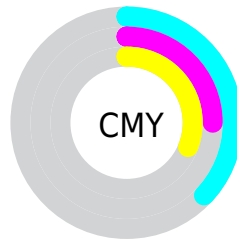
- Red (63%)
- Green (75%)
- Blue (69%)



- Red (63%)
- Yellow (71%)
- Blue (75%)



- Cyan (17%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)





- Cyan (37%)
- Magenta (25%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 15.013, 160.630 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, 15.013, 160.630 by changing the saturation by 10% instead.


 75, 15.013,
160.630


 75, 15.013,
160.630


 100, 15.013,
160.630


 65, 15.013,
160.630


 95, 15.013,
160.630


 55, 15.013,
160.630

 45, 15.013,
160.630

 35, 15.013,
160.630

 25, 15.013,
160.630

 15, 15.013,
160.630

 5, 15.013, 160.630

■ 0, 15.013, 160.630

■ 75, 15.013,
160.630

■ 75, 15.013,
160.630

■ 74, 23.946,
159.646

■ 77, 5.998, 161.535

■ 72, 32.664,
158.547

■ 78, 2.997, 342.127

■ 71, 41.023,
157.303

■ 80, 11.890,
342.934

■ 70, 48.869,
155.891

■ 82, 20.619,
343.598

■ 70, 56.058,
154.287

■ 84, 28.853,
343.707

■ 69, 62.477,
152.477

■ 85, 32.170,
335.975

■ 85, 35.998,

■ 69, 68.065,
150.460

329.883

■ 68, 72.850,
148.271

■ 85, 39.494,
325.795

■ 68, 74.349,
147.561

Harmonies

Complementary

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



75, 15.013, 160.630



69, 15.287, 343.367

Rectangle

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



75, 15.013, 160.630



75, 15.013, 210.630



75, 15.013, 340.630



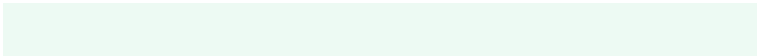
75, 15.013, 30.630

Sweetspot

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



75, 15.015, 160.628



97, 5.568, 161.685



76, 18.089, 127.133



52, 3.799, 161.617



99, 0.012, 296.813



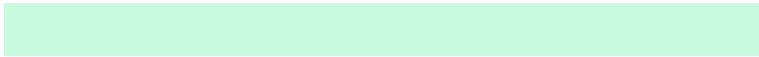
52, 0.007, 296.813

Same Dimension

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



75, 15.015, 160.628



94, 22.301, 160.281



75, 11.353, 195.646



40, 5.143, 161.291



58, 64.697, 147.889



10, 18.904, 155.225

Inverse Universe

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



69, 15.287, 343.367



86, 22.789, 343.707



69, 12.554, 17.874



38, 5.200, 342.713



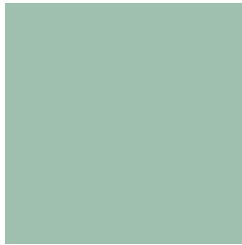
34, 60.459, 358.604



3, 16.120, 350.448

Previews

White Background



This preview shows how the CIELCh color 75, 15.013, 160.630 looks on a white background.

Color Contrast Check

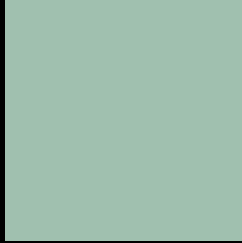
Large Text (above 18pt) WCAG AA × Fail

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, 15.013, 160.630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

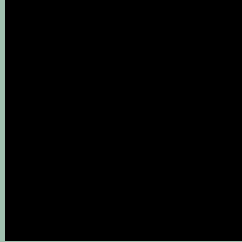
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

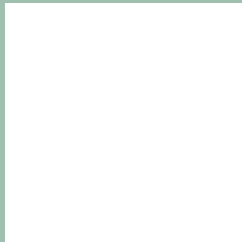
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 15.013, 160.630

Background



This preview shows how black text looks on a background with the CIELCh color 75, 15.013, 160.630.



This preview shows how white text looks on a background with the CIELCh color 75, 15.013, 160.630.

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, 15.013, 160.630

Protanopia
75, 7.982, 89.740

Deuteranopia
75, 9.948, 20.193



Tritanopia
75, 11.191, 245.548

Trichromacy



Original Color
75, 15.013, 160.630

Protanomaly
75, 8.511, 127.548

Deuteranomaly
75, 3.726, 79.368

Tritanomaly
75, 9.390, 212.119

Monochromacy



Original Color
75, 15.013, 160.630

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 5.536, 163.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 15.013, 160.630 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(160, 192, 175)` looks like.

```
.text, #text, p{  
    color:rgb(160, 192, 175)  
}
```

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(160, 192, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 192, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 15.013, 160.630 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(160, 192, 175) }
```

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

```
.border{ border-color:rgb(160, 192, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 192, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 192, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 192, 175);  
box-shadow:4px 4px 4px 4px rgb(160, 192,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 15.013, 160.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 192, 175) }
```

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

```
.background{ background-color: rgb(160,  
192, 175) }
```

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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