

Converting Colors

CIELCh(75, 16.111, 147.484)

Have a look what the booklet for
CIELCh(75, 16.111, 147.484)
contains.

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Color

CIELCh(75, 15.845, 146.899)

Conversions

Conversions Part 1

Format	Color
Hex	A5BFA8
RGB	165, 191, 168
RGB Percent	65%, 75%, 66%
CMY	0.3517, 0.2497, 0.3399
CMYK	0.14, 0.00, 0.12, 0.25
HSL	127°, 17%, 70%
HSV	127°, 14%, 75%
XYZ	41.3843, 48.2781, 44.3400
YIQ	180.6040, -8.1130, -12.6650

Conversions

Conversions Part 2

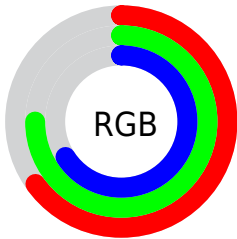
Format	Color
RYB	165, 188, 191
Decimal	10862504
CIELab	75.00, -13.27, 8.65
CIElCh	75, 15.845, 146.899
Yxy	48.2781, 0.3088, 0.3603
Android (android.graphics.Color)	4289052584 (0xFFA5BFA8)
YUV	180.6040, -6.2138, -13.6847
Hunter-Lab	69.4824, -15.2783, 10.8020

Details

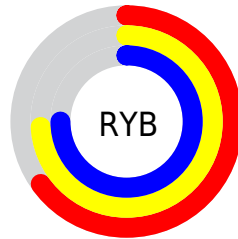
The CIELCh color **75, 15.845, 146.899** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 15.878, 328.514**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 15.704, 146.946**, and **55, 16.148, 146.743** is the 20% darker color. If you saturate the color by 10%, you get **73, 27.580, 146.131**, and if you desaturate by 10%, it is **77, 4.158, 147.598**.

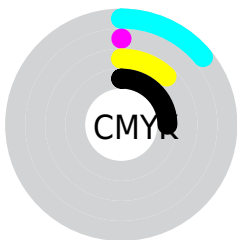
Distribution



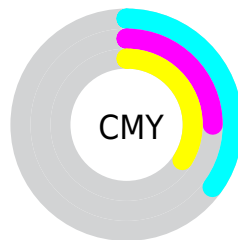
- Red (65%)
- Green (75%)
- Blue (66%)



- Red (65%)
- Yellow (74%)
- Blue (75%)



- Cyan (14%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)





- Cyan (35%)
- Magenta (25%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 15.845, 146.899 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, 15.845, 146.899 by changing the saturation by 10% instead.


 75, 15.845,
146.899


 75, 15.845,
146.899


 100, 15.845,
146.899


 65, 15.845,
146.899


 95, 15.845,
146.899


 55, 15.845,
146.899

 45, 15.845,
146.899

 35, 15.845,
146.899

 25, 15.845,
146.899

 15, 15.845,
146.899

 5, 15.845, 146.899

0, 15.845, 146.899

75, 15.845,
146.899

75, 15.845,
146.899

73, 27.580,
146.131

77, 4.158, 147.598

72, 39.189,
145.243

79, 7.363, 328.051

71, 50.461,
144.218

81, 18.630,
328.552

70, 61.138,
143.051

83, 29.585,
328.970

69, 70.923,
141.756

85, 39.071,
326.702

68, 79.493,
140.374

85, 39.924,
325.810

■ 68, 86.521,
138.985

■ 68, 91.710,
137.709

■ 68, 94.059,
137.075

Harmonies

Complementary

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



75, 15.845, 146.899



71, 15.878, 328.514

Rectangle

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



75, 15.845, 146.899



75, 15.845, 196.899



75, 15.845, 326.899



75, 15.845, 16.899

Sweetspot

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



75, 15.847, 146.899



97, 5.751, 147.562



77, 13.932, 113.012



52, 4.090, 147.507



99, 0.012, 296.813



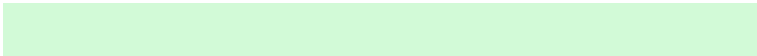
52, 0.007, 296.813

Same Dimension

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



75, 15.847, 146.899



95, 23.195, 146.705



75, 11.109, 168.226



40, 6.661, 147.194



57, 82.327, 137.231



10, 22.951, 146.215

Inverse Universe

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



71, 15.878, 328.514



88, 23.240, 328.674



70, 11.407, 350.634



38, 6.675, 328.259



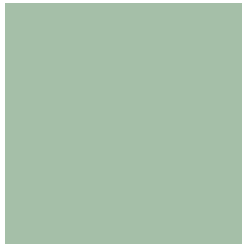
37, 74.804, 333.368



4, 21.735, 330.593

Previews

White Background



This preview shows how the CIELCh color 75, 15.845, 146.899 looks on a white background.

Color Contrast Check

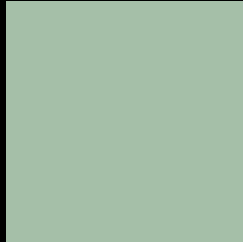
Large Text (above 18pt) WCAG AA × Fail

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, 15.845, 146.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

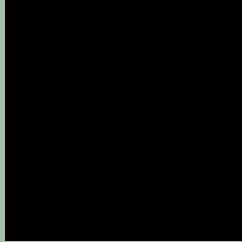
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 15.845, 146.899

Background



This preview shows how black text looks on a background with the CIELCh color 75, 15.845, 146.899.

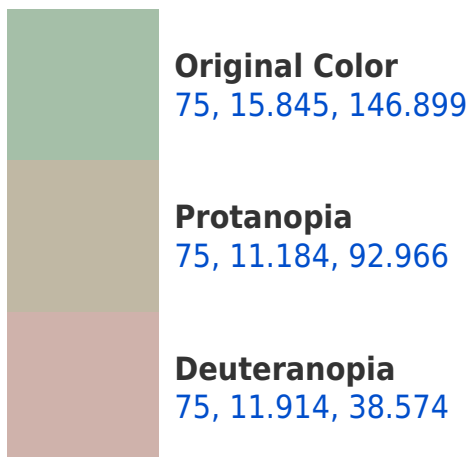


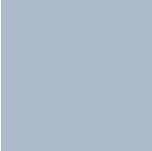
This preview shows how white text looks on a background with the CIELCh color 75, 15.845, 146.899.

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, 9.299, 253.728

Trichromacy



Original Color
75, 15.845, 146.899

Protanomaly
75, 11.450, 118.753

Deuteranomaly
75, 7.793, 83.101

Tritanomaly
75, 7.200, 198.909

Monochromacy



Original Color
75, 15.845, 146.899

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 6.162, 146.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 15.845, 146.899 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(165, 191, 168)` looks like.

```
.text, #text, p{  
    color:rgb(165, 191, 168)  
}
```

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(165, 191, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 191, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 15.845, 146.899 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(165, 191, 168) }
```

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

```
.border{ border-color:rgb(165, 191, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 191, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 191, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 191, 168);  
box-shadow:4px 4px 4px 4px rgb(165, 191,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 15.845, 146.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 191, 168) }
```

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

```
.background{ background-color: rgb(165,  
191, 168) }
```

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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