

Converting Colors

CIELCh(75, 14.358, 144.261)

Have a look what the booklet for
CIELCh(75, 14.358, 144.261)
contains.

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Color

CIELCh(75, 14.726, 144.913)

Conversions

Conversions Part 1

Format	Color
Hex	A8BFA9
RGB	168, 191, 169
RGB Percent	66%, 75%, 66%
CMY	0.3423, 0.2521, 0.3384
CMYK	0.12, 0.00, 0.12, 0.25
HSL	123°, 15%, 70%
HSV	123°, 12%, 75%
XYZ	41.7864, 48.2781, 44.5093
YIQ	181.6150, -6.6460, -11.7180

Conversions

Conversions Part 2

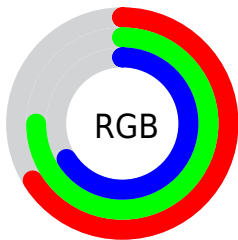
Format	Color
RYB	168, 190, 191
Decimal	11059113
CIELab	75.00, -12.05, 8.46
CIELCh	75, 14.726, 144.913
Yxy	48.2781, 0.3105, 0.3587
Android (android.graphics.Color)	4289249193 (0xFFA8BFA9)
YUV	181.6150, -6.2192, -11.9404
Hunter-Lab	69.4824, -14.2452, 10.6575

Details

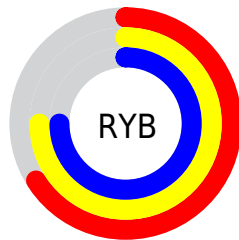
The CIELCh color $75, 14.726, 144.913$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $71, 14.749, 326.277$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 14.641, 145.009$, and $55, 14.960, 144.725$ is the 20% darker color. If you saturate the color by 10%, you get $73, 27.036, 144.183$, and if you desaturate by 10%, it is $77, 2.490, 145.615$.

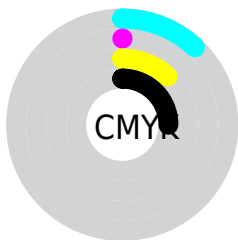
Distribution



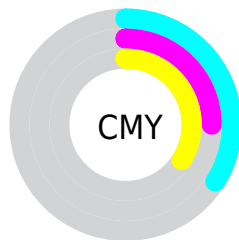
- Red (66%)
- Green (75%)
- Blue (66%)



- Red (66%)
- Yellow (75%)
- Blue (75%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 14.726, 144.913 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, 14.726, 144.913 by changing the saturation by 10% instead.


 75, 14.726,
144.913


 75, 14.726,
144.913


 100, 14.726,
144.913


 65, 14.726,
144.913


 95, 14.726,
144.913

 55, 14.726,
144.913

 45, 14.726,
144.913

 35, 14.726,
144.913

 25, 14.726,
144.913

 15, 14.726,
144.913

 5, 14.726, 144.913

0, 14.726, 144.913

75, 14.726,
144.913

75, 14.726,
144.913

73, 27.036,
144.183

77, 2.490, 145.615

72, 39.236,
143.337

79, 9.551, 326.006

71, 51.096,
142.364

81, 21.308,
326.465

70, 62.323,
141.268

83, 32.727,
326.848

69, 72.565,
140.078

85, 40.316,
325.823

68, 81.414,
138.859

■ 68, 88.438,
137.719

■ 67, 93.253,
136.797

■ 67, 95.480,
136.354

Harmonies

Complementary

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



75, 14.726, 144.913



71, 14.749, 326.277

Rectangle

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



75, 14.726, 144.913



75, 14.726, 194.913



75, 14.726, 324.913



75, 14.726, 14.913

Sweetspot

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



75, 14.728, 144.913



96, 5.996, 145.448



77, 12.294, 110.399



52, 4.300, 145.394



99, 0.012, 296.813



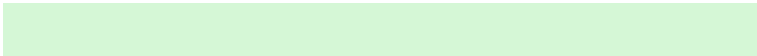
52, 0.007, 296.813

Same Dimension

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



75, 14.728, 144.913



94, 21.145, 144.764



75, 10.305, 164.487



39, 6.851, 145.095



57, 82.934, 136.441



9, 21.230, 145.203

Inverse Universe

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



71, 14.749, 326.277



89, 21.172, 326.400



71, 10.492, 346.494



37, 6.862, 326.121



37, 78.170, 330.018



3, 20.594, 326.996

Previews

White Background



This preview shows how the CIELCh color 75, 14.726, 144.913 looks on a white background.

Color Contrast Check

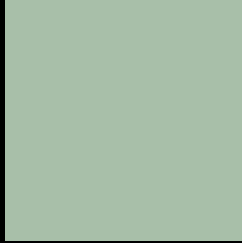
Large Text (above 18pt) WCAG AA × Fail

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, 14.726, 144.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

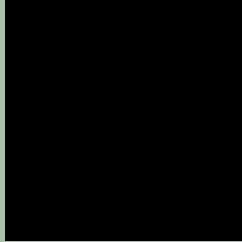
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 14.726, 144.913

Background



This preview shows how black text looks on a background with the CIELCh color 75, 14.726, 144.913.

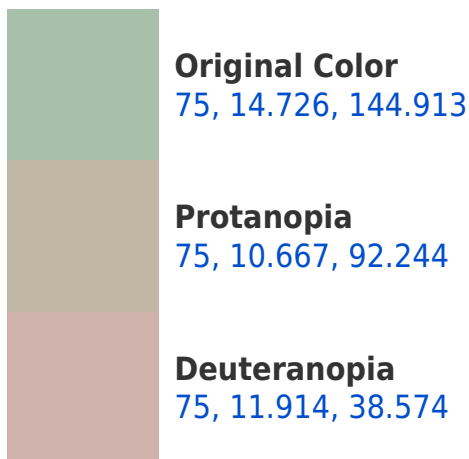


This preview shows how white text looks on a background with the CIELCh color 75, 14.726, 144.913.

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](#).

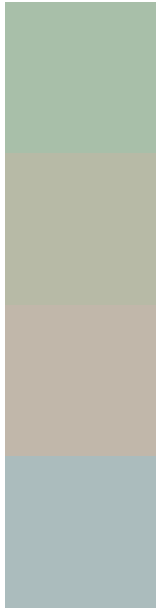
Dichromacy





Tritanopia
75, 9.205, 261.134

Trichromacy



Original Color
75, 14.726, 144.913

Protanomaly
75, 10.814, 115.270

Deuteranomaly
75, 7.973, 80.599

Tritanomaly
75, 6.149, 204.057

Monochromacy



Original Color
75, 14.726, 144.913

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 5.500, 147.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 14.726, 144.913 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(168, 191, 169)` looks like.

```
.text, #text, p{  
    color:rgb(168, 191, 169)  
}
```

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(168, 191, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 191, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 14.726, 144.913 is called "border". The border property can be set on classes, ids or directly on the HTML element.

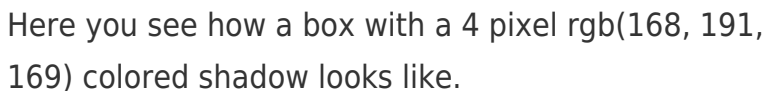
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 191, 169) }
```

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

```
.border{ border-color:rgb(168, 191, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 191, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 191, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 191, 169); box-shadow:4px 4px 4px 4px rgb(168, 191, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 14.726, 144.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 191, 169) }
```

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

```
.background{ background-color: rgb(168,  
191, 169) }
```

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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