

Converting Colors

CIELCh(75, 17.337, 139.469)

Have a look what the booklet for
CIELCh(75, 17.337, 139.469)
contains.

CIELCh(75, 16.995, 139.643)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(75, 16.995, 139.643)

Conversions

Conversions Part 1

Format	Color
Hex	A8BFA4
RGB	168, 191, 164
RGB Percent	66%, 75%, 64%
CMY	0.3411, 0.2509, 0.3568
CMYK	0.12, 0.00, 0.14, 0.25
HSL	111°, 17%, 70%
HSV	111°, 14%, 75%
XYZ	41.4902, 48.2781, 42.2629
YIQ	181.0450, -5.0410, -13.2730

Conversions

Conversions Part 2

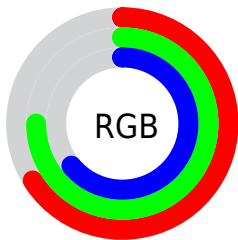
Format	Color
RYB	164, 191, 187
Decimal	11059108
CIELab	75.00, -12.95, 11.01
CIELCh	75, 16.995, 139.643
Yxy	48.2781, 0.3142, 0.3657
Android (android.graphics.Color)	4289249188 (0xFFA8BFA4)
YUV	181.0450, -8.4032, -11.4405
Hunter-Lab	69.4824, -15.0063, 12.5744

Details

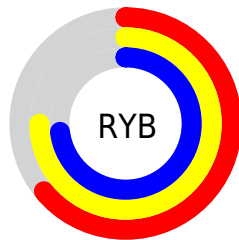
The CIELCh color **75, 16.995, 139.643** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 17.088, 320.976**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 16.800, 139.938**, and **55, 17.369, 139.240** is the 20% darker color. If you saturate the color by 10%, you get **74, 29.093, 139.046**, and if you desaturate by 10%, it is **77, 4.940, 140.191**.

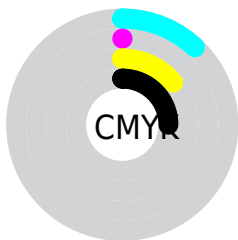
Distribution



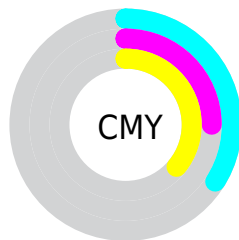
- Red (66%)
- Green (75%)
- Blue (64%)



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



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





- Cyan (34%)
- Magenta (25%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 16.995, 139.643 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, 16.995, 139.643 by changing the saturation by 10% instead.


 75, 16.995,
139.643


 75, 16.995,
139.643


 100, 16.995,
139.643


 65, 16.995,
139.643


 95, 16.995,
139.643

 55, 16.995,
139.643

 45, 16.995,
139.643

 35, 16.995,
139.643

 25, 16.995,
139.643

 15, 16.995,
139.643

 5, 16.995, 139.643

0, 16.995, 139.643

75, 16.995,
139.643

75, 16.995,
139.643

74, 29.093,
139.046

77, 4.940, 140.191

72, 41.074,
138.377

78, 6.968, 320.562

71, 52.731,
137.644

80, 18.651,
320.962

70, 63.785,
136.878

82, 30.059,
321.291

69, 73.871,
136.139

84, 39.167,
323.296

69, 82.529,
135.522

85, 40.117,
325.816

■ 68, 89.247,
135.154

■ 68, 93.621,
135.148

■ 68, 95.333,
135.207

Harmonies

Complementary

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



75, 16.995, 139.643



70, 17.088, 320.976

Rectangle

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



75, 16.995, 139.643



75, 16.995, 189.643



75, 16.995, 319.643



75, 16.995, 9.643

Sweetspot

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



75, 16.997, 139.644



96, 5.892, 140.195



76, 12.397, 101.706



52, 4.225, 140.151



99, 0.012, 296.813



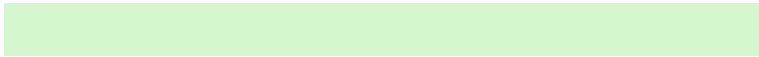
52, 0.007, 296.813

Same Dimension

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



75, 16.997, 139.644



94, 25.244, 139.464



75, 13.861, 155.344



39, 6.729, 139.907



57, 82.756, 135.098



9, 20.911, 141.521

Inverse Universe

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



70, 17.088, 320.976



87, 25.399, 321.124



70, 13.978, 337.379



37, 6.759, 320.749



33, 81.802, 322.630



3, 19.992, 318.977

Previews

White Background



This preview shows how the CIELCh color 75, 16.995, 139.643 looks on a white background.

Color Contrast Check

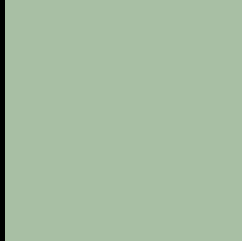
Large Text (above 18pt) WCAG AA × Fail

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, 16.995, 139.643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

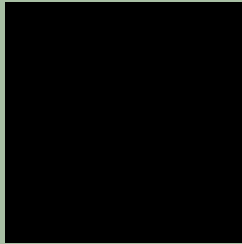
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 16.995, 139.643

Background



This preview shows how black text looks on a background with the CIELCh color 75, 16.995, 139.643.

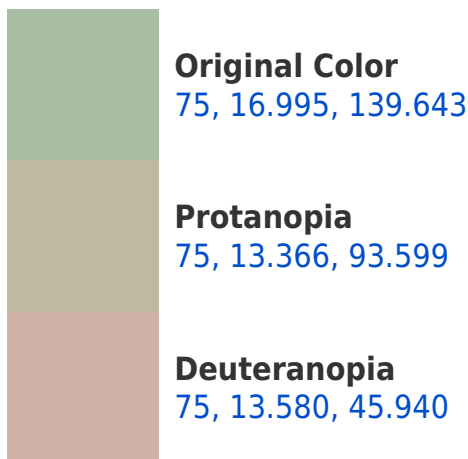


This preview shows how white text looks on a background with the CIELCh color 75, 16.995, 139.643.

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](#).

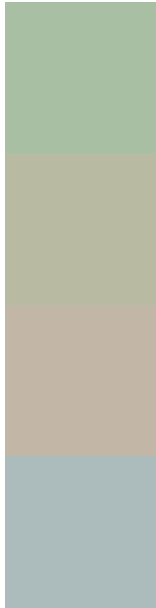
Dichromacy





Tritanopia
75, 9.046, 263.066

Trichromacy



Original Color
75, 16.995, 139.643

Protanomaly
75, 13.998, 113.621

Deuteranomaly
75, 10.088, 84.213

Tritanomaly
75, 5.796, 199.035

Monochromacy



Original Color
75, 16.995, 139.643

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 6.393, 141.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 16.995, 139.643 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(168, 191, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 191, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 16.995, 139.643 is called "border". The border property can be set on classes, ids or directly on the HTML element.

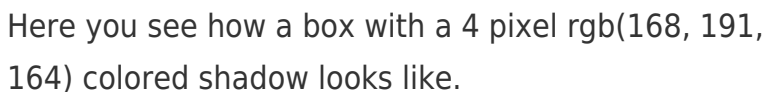
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 191, 164) }
```

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

```
.border{ border-color:rgb(168, 191, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 191, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 191, 164);  
box-shadow:4px 4px 4px 4px rgb(168, 191,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 16.995, 139.643 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, 164) }
```

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

```
.background{ background-color: rgb(168,  
191, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor