

Converting Colors

CIELCh(76, 16.074, 135.183)

Have a look what the booklet for
CIELCh(76, 16.074, 135.183)
contains.

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Color

CIELCh(76, 16.215, 135.248)

Conversions

Conversions Part 1

Format	Color
Hex	AEC1A6
RGB	174, 193, 166
RGB Percent	68%, 76%, 65%
CMY	0.3177, 0.2431, 0.3490
CMYK	0.10, 0.00, 0.14, 0.24
HSL	102°, 18%, 70%
HSV	102°, 14%, 76%
XYZ	43.4044, 49.8872, 43.4145
YIQ	184.2410, -2.6570, -12.4250

Conversions

Conversions Part 2

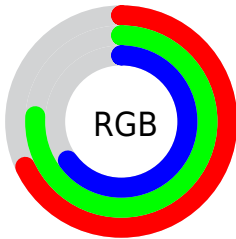
Format	Color
RYB	166, 193, 185
Decimal	11452838
CIELab	76.00, -11.52, 11.42
CIELCh	76, 16.215, 135.248
Yxy	49.8872, 0.3175, 0.3649
Android (android.graphics.Color)	4289642918 (0xFFAEC1A6)
YUV	184.2410, -8.9928, -8.9814
Hunter-Lab	70.6309, -13.9114, 12.9980

Details

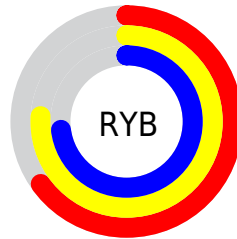
The CIELCh color **76, 16.215, 135.248** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 16.391, 316.428**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 15.900, 134.576**, and **56, 16.042, 135.579** is the 20% darker color. If you saturate the color by 10%, you get **75, 27.856, 134.747**, and if you desaturate by 10%, it is **77, 4.600, 135.726**.

Distribution



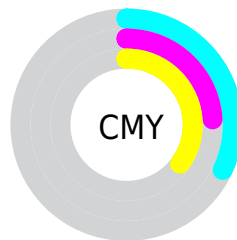
- Red (68%)
- Green (76%)
- Blue (65%)



- Red (65%)
- Yellow (76%)
- Blue (73%)



- Cyan (10%)
- Magenta (0%)
- Yellow (14%)
- Black (24%)





- Cyan (32%)
- Magenta (24%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 16.215, 135.248 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 76, 16.215, 135.248 by changing the saturation by 10% instead.


 76, 16.215,
135.248


 76, 16.215,
135.248

 100, 16.215,
135.248


 66, 16.215,
135.248


 96, 16.215,
135.248

 56, 16.215,
135.248

 46, 16.215,
135.248

 36, 16.215,
135.248

 26, 16.215,
135.248

 16, 16.215,
135.248

 6, 16.215, 135.248

0, 16.215, 135.248

76, 16.215,
135.248

76, 16.215,
135.248

75, 27.856,
134.747

77, 4.600, 135.726

73, 39.396,
134.206

79, 6.906, 316.061

72, 50.664,
133.646

81, 18.240,
316.426

71, 61.424,
133.104

82, 29.360,
316.733

71, 71.350,
132.648

84, 36.773,
319.555

70, 80.012,
132.378

85, 38.884,
325.774

■ 69, 86.914,
132.420

■ 69, 91.653,
132.881

■ 69, 93.689,
133.257

Harmonies

Complementary

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



76, 16.215, 135.248



70, 16.391, 316.428

Rectangle

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



76, 16.215, 135.248



76, 16.215, 185.248



76, 16.215, 315.248



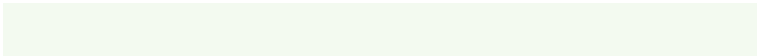
76, 16.215, 5.248

Sweetspot

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



76, 16.217, 135.250



97, 5.687, 135.723



75, 10.618, 91.973



52, 4.044, 135.684



99, 0.012, 296.813



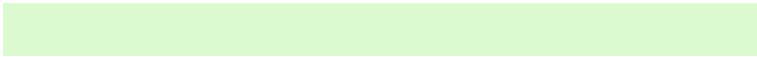
52, 0.007, 296.813

Same Dimension

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



76, 16.217, 135.250



95, 24.327, 135.089



76, 15.458, 149.612



40, 6.581, 135.469



58, 81.609, 133.084



10, 22.450, 138.125

Inverse Universe

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



70, 16.391, 316.428



87, 24.642, 316.572



71, 15.511, 331.379



38, 6.633, 316.226



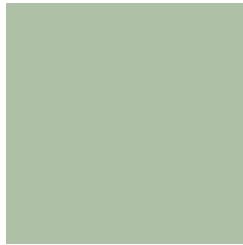
30, 84.658, 317.582



3, 21.235, 313.303

Previews

White Background



This preview shows how the CIELCh color 76, 16.215, 135.248 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 76, 16.215, 135.248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

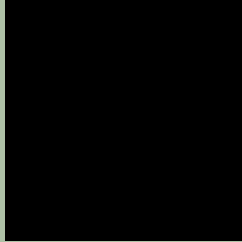
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 16.215, 135.248

Background



This preview shows how black text looks on a background with the CIELCh color 76, 16.215, 135.248.



This preview shows how white text looks on a background with the CIELCh color 76, 16.215, 135.248.

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

76, 16.215, 135.248

Protanopia

76, 13.325, 93.629

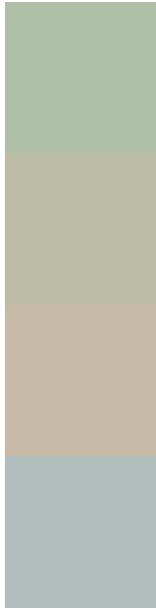
Deuteranopia

76, 13.909, 45.250



Tritanopia
76, 8.501, 271.485

Trichromacy



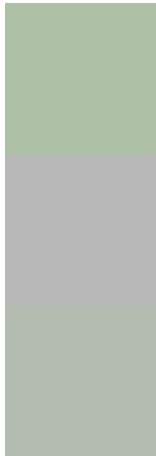
Original Color
76, 16.215, 135.248

Protanomaly
76, 13.386, 110.569

Deuteranomaly
76, 10.424, 80.328

Tritanomaly
76, 4.362, 199.182

Monochromacy



Original Color
76, 16.215, 135.248

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 6.008, 135.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 16.215, 135.248 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(174, 193, 166)` looks like.

```
.text, #text, p{  
    color:rgb(174, 193, 166)  
}
```

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(174, 193, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 193, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 16.215, 135.248 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(174, 193, 166) }
```

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

```
.border{ border-color:rgb(174, 193, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 193, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 193, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 193, 166);  
box-shadow:4px 4px 4px 4px rgb(174, 193,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 16.215, 135.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 193, 166) }
```

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

```
.background{ background-color: rgb(174,  
193, 166) }
```

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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