

Converting Colors

CIELCh(70, 4.784, 140.667)

Have a look what the booklet for
CIELCh(70, 4.784, 140.667) contains.

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Color

CIELCh(70, 5.134, 140.825)

Conversions

Conversions Part 1

Format	Color
Hex	A6ADA5
RGB	166, 173, 165
RGB Percent	65%, 68%, 65%
CMY	0.3487, 0.3213, 0.3527
CMYK	0.04, 0.00, 0.05, 0.32
HSL	113°, 5%, 66%
HSV	113°, 5%, 68%
XYZ	37.4969, 40.7494, 41.5211
YIQ	169.9950, -1.6040, -3.9720

Conversions

Conversions Part 2

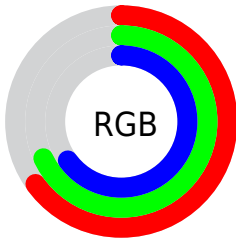
Format	Color
RYB	165, 173, 172
Decimal	10923429
CIELab	70.00, -3.98, 3.24
CIELCh	70, 5.134, 140.825
Yxy	40.7494, 0.3131, 0.3402
Android (android.graphics.Color)	4289113509 (0xFFA6ADA5)
YUV	169.9950, -2.4625, -3.5036
Hunter-Lab	63.8353, -6.8606, 6.1201

Details

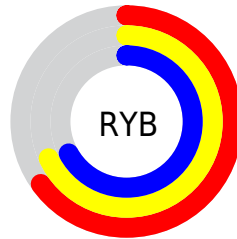
The CIELCh color $70, 5.134, 140.825$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 5.158, 321.182$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 4.870, 140.888$, and $50, 5.488, 140.725$ is the 20% darker color. If you saturate the color by 10%, you get $68, 16.349, 140.269$, and if you desaturate by 10%, it is $72, 5.939, 321.209$.

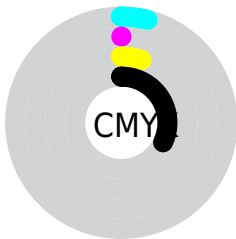
Distribution



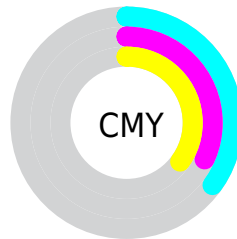
- Red (65%)
- Green (68%)
- Blue (65%)



- Red (65%)
- Yellow (68%)
- Blue (67%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (32%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 5.134, 140.825 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 70, 5.134, 140.825 by changing the saturation by 10% instead.

■ 70, 5.134, 140.825

■ 70, 5.134, 140.825

■ 100, 5.134,
140.825

■ 60, 5.134, 140.825

■ 90, 5.134, 140.825

■ 50, 5.134, 140.825

■ 40, 5.134, 140.825

■ 30, 5.134, 140.825

■ 20, 5.134, 140.825

■ 10, 5.134, 140.825

■ 0, 5.134, 140.825

■ 70, 5.134, 140.825

■ 70, 5.134, 140.825

■ 68, 16.349,

■ 72, 5.939, 321.209

140.269

73, 16.803,
321.621

67, 27.594,
139.654

75, 27.408,
321.958

66, 38.723,
138.961

77, 37.724,
322.243

65, 49.537,
138.198

79, 47.739,
322.484

64, 59.775,
137.394

81, 51.224,
326.193

63, 69.094,
136.605

63, 77.072,
135.927

62, 83.242,
135.484

62, 87.237,
135.387

Harmonies

Complementary

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



70, 5.134, 140.825



69, 5.158, 321.182

Rectangle

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



70, 5.134, 140.825



70, 5.134, 190.825



70, 5.134, 320.825



70, 5.134, 10.825

Sweetspot

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



70, 5.136, 140.827



89, 1.361, 141.142



70, 3.795, 103.619



47, 0.772, 141.156



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



70, 5.136, 140.827



88, 8.242, 140.743



70, 4.114, 156.861



36, 4.415, 140.721



54, 79.984, 135.270



6, 13.414, 141.662

Inverse Universe

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



69, 5.158, 321.182



86, 8.274, 321.260



69, 4.137, 337.363



35, 4.432, 321.281



32, 78.670, 323.495



2, 13.116, 319.518

Previews

White Background



This preview shows how the CIE LCh color 70, 5.134, 140.825 looks on a white background.

Color Contrast Check

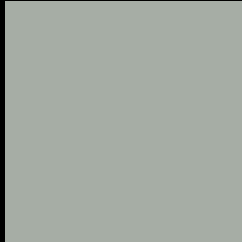
Large Text (above 18pt) WCAG AA × Fail

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 70, 5.134, 140.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

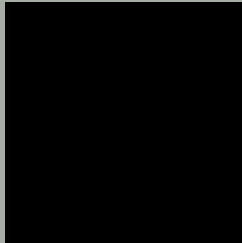
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

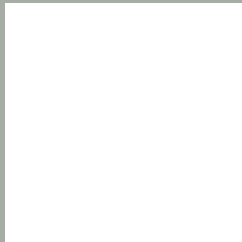
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 5.134, 140.825

Background



This preview shows how black text looks on a background with the CIELCh color 70, 5.134, 140.825.



This preview shows how white text looks on a background with the CIELCh color 70, 5.134, 140.825.

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


70, 5.134, 140.825

Protanopia

70, 4.448, 78.490

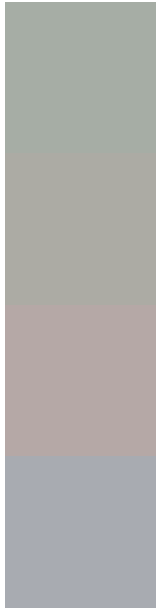
Deuteranopia

70, 9.334, 13.507



Tritanopia
70, 7.677, 288.237

Trichromacy



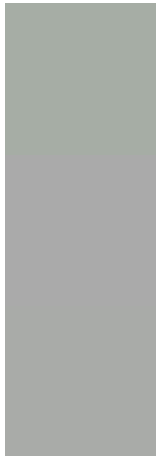
Original Color
70, 5.134, 140.825

Protanomaly
70, 3.832, 104.050

Deuteranomaly
70, 5.109, 32.048

Tritanomaly
70, 3.454, 271.821

Monochromacy



Original Color
70, 5.134, 140.825

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.807, 134.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 5.134, 140.825 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(166, 173, 165)` looks like.

```
.text, #text, p{  
    color:rgb(166, 173, 165)  
}
```

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(166, 173, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 173, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 5.134, 140.825 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(166, 173, 165) }
```

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

```
.border{ border-color:rgb(166, 173, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 173, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 173, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 173, 165);  
box-shadow:4px 4px 4px 4px rgb(166, 173,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 5.134, 140.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 173, 165) }
```

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

```
.background{ background-color: rgb(166,  
173, 165) }
```

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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