

Converting Colors

CIELCh(69, 14.679, 143.719)

Have a look what the booklet for
CIELCh(69, 14.679, 143.719)
contains.

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Color

CIELCh(69, 14.769, 143.704)

Conversions

Conversions Part 1

Format	Color
Hex	98AE98
RGB	152, 174, 152
RGB Percent	60%, 68%, 60%
CMY	0.4029, 0.3166, 0.4030
CMYK	0.13, 0.00, 0.13, 0.32
HSL	120°, 12%, 64%
HSV	120°, 13%, 68%
XYZ	33.8679, 39.3444, 35.6208
YIQ	164.9140, -6.0500, -11.5060

Conversions

Conversions Part 2

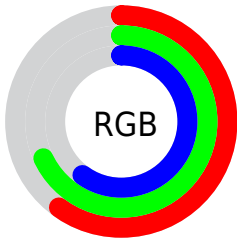
Format	Color
RYB	152, 174, 174
Decimal	10006168
CIELab	69.00, -11.90, 8.74
CIELCh	69, 14.769, 143.704
Yxy	39.3444, 0.3112, 0.3615
Android (android.graphics.Color)	4288196248 (0xFF98AE98)
YUV	164.9140, -6.3666, -11.3256
Hunter-Lab	62.7251, -13.3892, 10.2375

Details

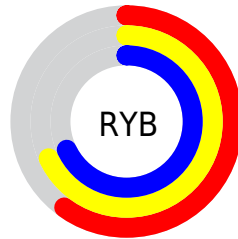
The CIELCh color $69, 14.769, 143.704$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 14.788, 325.107$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 15.275, 143.838$, and $49, 15.068, 143.425$ is the 20% darker color. If you saturate the color by 10%, you get $67, 26.549, 142.983$, and if you desaturate by 10%, it is $71, 3.049, 144.373$.

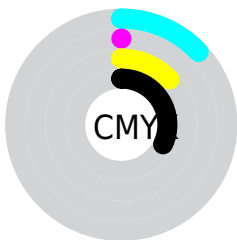
Distribution



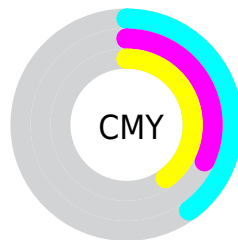
- Red (60%)
- Green (68%)
- Blue (60%)



- Red (60%)
- Yellow (68%)
- Blue (68%)



- Cyan (13%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)





- Cyan (40%)
- Magenta (32%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 14.769, 143.704 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 69, 14.769, 143.704 by changing the saturation by 10% instead.


 69, 14.769,
143.704


 69, 14.769,
143.704


 100, 14.769,
143.704


 59, 14.769,
143.704


 89, 14.769,
143.704

 49, 14.769,
143.704

 99, 14.769,
143.704

 39, 14.769,
143.704

 29, 14.769,
143.704

 19, 14.769,
143.704

 9, 14.769, 143.704

 0, 14.769, 143.704

69, 14.769,
143.704

69, 14.769,
143.704

67, 26.549,
142.983

71, 3.049, 144.373

66, 38.209,
142.149

73, 8.489, 324.784

65, 49.515,
141.196

75, 19.759,
325.236

64, 60.168,
140.138

77, 30.707,
325.610

63, 69.800,
139.017

79, 41.306,
325.925


63, 77.977,
137.921

81, 50.502,
326.168

62, 84.236,
136.978

62, 88.209,

136.328

 62, 90.031,
136.016

Harmonies

Complementary

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



69, 14.769, 143.704



65, 14.788, 325.107

Rectangle

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



69, 14.769, 143.704



69, 14.769, 193.704



69, 14.769, 323.704



69, 14.769, 13.704

Sweetspot

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



69, 14.771, 143.704



89, 5.760, 144.264



71, 11.763, 108.291



48, 4.130, 144.214



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 14.771, 143.704



87, 21.774, 143.524



69, 10.401, 161.755



36, 6.580, 143.924



54, 80.802, 136.016



6, 13.855, 144.442

Inverse Universe

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



65, 14.788, 325.107



82, 21.795, 325.252



65, 10.557, 343.770



34, 6.590, 324.922



35, 77.962, 328.231



2, 13.856, 324.437

Previews

White Background



This preview shows how the CIELCh color 69, 14.769, 143.704 looks on a white background.

Color Contrast Check

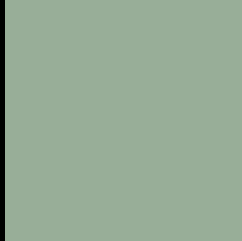
Large Text (above 18pt) WCAG AA × Fail

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 69, 14.769, 143.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

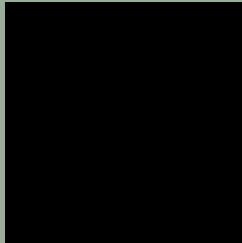
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

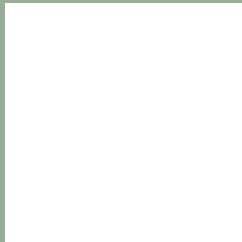
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 14.769, 143.704

Background



This preview shows how black text looks on a background with the CIELCh color 69, 14.769, 143.704.



This preview shows how white text looks on a background with the CIELCh color 69, 14.769, 143.704.

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](#).

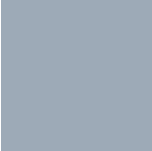
Dichromacy



Original Color
69, 14.769, 143.704

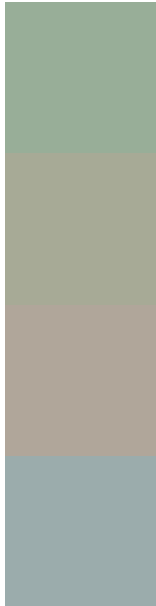
Protanopia
69, 10.852, 92.097

Deuteranopia
69, 11.392, 39.801



Tritanopia
69, 8.426, 257.363

Trichromacy



Original Color
69, 14.769, 143.704

Protanomaly
69, 10.994, 115.201

Deuteranomaly
69, 7.647, 78.584

Tritanomaly
69, 6.241, 198.954

Monochromacy



Original Color
69, 14.769, 143.704

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 5.373, 144.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 14.769, 143.704 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(152, 174, 152)` looks like.

```
.text, #text, p{  
    color:rgb(152, 174, 152)  
}
```

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(152, 174, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 174, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 14.769, 143.704 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(152, 174, 152) }
```

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

```
.border{ border-color:rgb(152, 174, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 174, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 174, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 174, 152);  
box-shadow:4px 4px 4px 4px rgb(152, 174,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 14.769, 143.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 174, 152) }
```

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

```
.background{ background-color: rgb(152,  
174, 152) }
```

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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