

Converting Colors

CIELCh(69, 18.953, 143.499)

Have a look what the booklet for
CIELCh(69, 18.953, 143.499)
contains.

CIELCh(69, 18.786, 143.479)	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(69, 18.786, 143.479)

Conversions

Conversions Part 1

Format	Color
Hex	94B094
RGB	148, 176, 148
RGB Percent	58%, 69%, 58%
CMY	0.4206, 0.3109, 0.4206
CMYK	0.16, 0.00, 0.16, 0.31
HSL	120°, 15%, 63%
HSV	120°, 16%, 69%
XYZ	32.9607, 39.3444, 33.7641
YIQ	164.4360, -7.7000, -14.6440

Conversions

Conversions Part 2

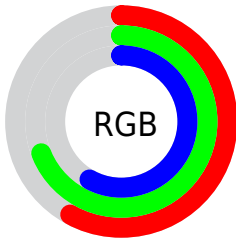
Format	Color
RYB	148, 176, 176
Decimal	9744532
CIELab	69.00, -15.10, 11.18
CIElCh	69, 18.786, 143.479
Yxy	39.3444, 0.3107, 0.3709
Android (android.graphics.Color)	4287934612 (0xFF94B094)
YUV	164.4360, -8.1029, -14.4144
Hunter-Lab	62.7251, -15.9710, 11.9925

Details

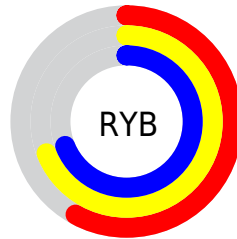
The CIELCh color $69, 18.786, 143.479$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $64, 18.806, 325.292$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 19.090, 143.668$, and $49, 18.648, 143.146$ is the 20% darker color. If you saturate the color by 10%, you get $68, 30.630, 142.722$, and if you desaturate by 10%, it is $71, 6.951, 144.143$.

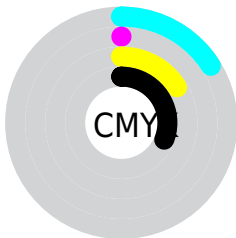
Distribution



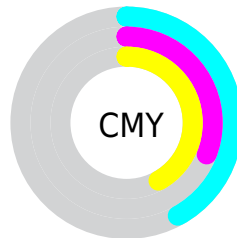
- Red (58%)
- Green (69%)
- Blue (58%)



- Red (58%)
- Yellow (69%)
- Blue (69%)



- Cyan (16%)
- Magenta (0%)
- Yellow (16%)
- Black (31%)





- Cyan (42%)
- Magenta (31%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 18.786, 143.479 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, 18.786, 143.479 by changing the saturation by 10% instead.

 69, 18.786,
143.479


 69, 18.786,
143.479


 100, 18.786,
143.479


 59, 18.786,
143.479


 89, 18.786,
143.479

 49, 18.786,
143.479

 99, 18.786,
143.479

 39, 18.786,
143.479

 29, 18.786,
143.479

 19, 18.786,
143.479

 9, 18.786, 143.479

 0, 18.786, 143.479

69, 18.786,
143.479

69, 18.786,
143.479

68, 30.630,
142.722

71, 6.951, 144.143

66, 42.280,
141.847

73, 4.739, 324.604

65, 53.482,
140.856

74, 16.182,
325.100

64, 63.910,
139.770

77, 27.316,
325.496

64, 73.171,
138.645

79, 38.105,
325.830

63, 80.808,
137.583


81, 48.532,
326.113

63, 86.370,
136.723

82, 49.597,
326.138

63, 89.600,

136.187

 62, 90.593,
136.017

Harmonies

Complementary

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



69, 18.786, 143.479



64, 18.806, 325.292

Rectangle

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



69, 18.786, 143.479



69, 18.786, 193.479



69, 18.786, 323.479



69, 18.786, 13.479

Sweetspot

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



69, 18.788, 143.479



90, 7.274, 144.198



71, 15.173, 108.659



48, 4.961, 144.153



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, 18.788, 143.479



87, 27.869, 143.234



69, 13.046, 162.322



36, 6.580, 143.926



54, 80.801, 136.017



6, 13.854, 144.444

Inverse Universe

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



64, 18.806, 325.292



80, 27.889, 325.478



64, 13.308, 344.980



34, 6.590, 324.924



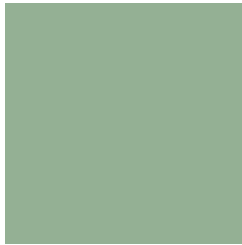
35, 77.958, 328.235



2, 13.856, 324.441

Previews

White Background



This preview shows how the CIELCh color 69, 18.786, 143.479 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, 18.786, 143.479 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, 18.786, 143.479

Background



This preview shows how black text looks on a background with the CIELCh color 69, 18.786, 143.479.

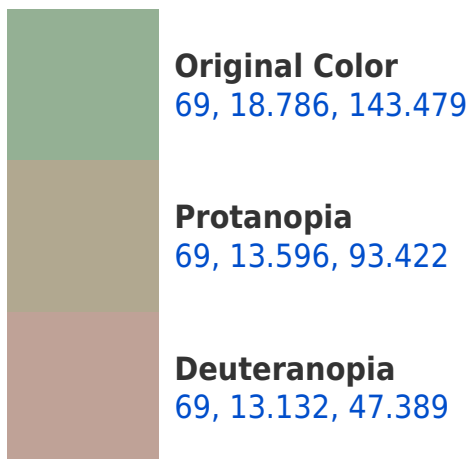


This preview shows how white text looks on a background with the CIELCh color 69, 18.786, 143.479.

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
69, 9.227, 249.971

Trichromacy



Original Color
69, 18.786, 143.479

Protanomaly
69, 14.326, 116.666

Deuteranomaly
69, 9.819, 90.405

Tritanomaly
69, 7.795, 190.686

Monochromacy



Original Color
69, 18.786, 143.479

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 6.724, 144.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 18.786, 143.479 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(148, 176, 148)` looks like.

```
.text, #text, p{  
    color:rgb(148, 176, 148)  
}
```

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(148, 176, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 176, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 18.786, 143.479 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(148, 176, 148) }
```

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

```
.border{ border-color:rgb(148, 176, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 176, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 176, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 176, 148);  
box-shadow:4px 4px 4px 4px rgb(148, 176,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 18.786, 143.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 176, 148) }
```

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

```
.background{ background-color: rgb(148,  
176, 148) }
```

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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