

Converting Colors

CIELCh(69, 18.674, 148.805)

Have a look what the booklet for
CIELCh(69, 18.674, 148.805)
contains.

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Color

CIELCh(69, 18.592, 148.054)

Conversions

Conversions Part 1

Format	Color
Hex	91B096
RGB	145, 176, 150
RGB Percent	57%, 69%, 59%
CMY	0.4308, 0.3092, 0.4112
CMYK	0.18, 0.00, 0.15, 0.31
HSL	130°, 16%, 63%
HSV	130°, 18%, 69%
XYZ	32.7699, 39.3444, 34.7786
YIQ	163.7670, -10.1300, -14.6580

Conversions

Conversions Part 2

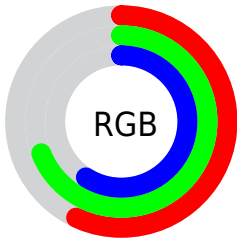
Format	Color
RYB	145, 172, 176
Decimal	9547926
CIELab	69.00, -15.78, 9.84
CIElCh	69, 18.592, 148.054
Yxy	39.3444, 0.3066, 0.3681
Android (android.graphics.Color)	4287738006 (0xFF91B096)
YUV	163.7670, -6.7871, -16.4587
Hunter-Lab	62.7251, -16.5138, 11.0336

Details

The CIELCh color $69, 18.592, 148.054$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $64, 18.646, 330.255$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 18.905, 147.974$, and $49, 18.438, 147.998$ is the 20% darker color. If you saturate the color by 10%, you get $68, 29.182, 147.230$, and if you desaturate by 10%, it is $71, 7.989, 148.777$.

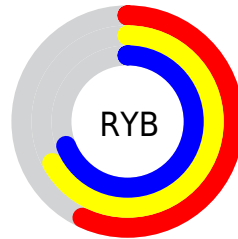
Distribution



Red (57%)

Green (69%)

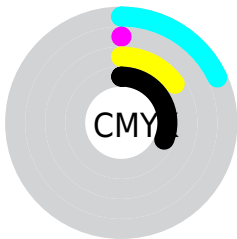
Blue (59%)



Red (57%)

Yellow (67%)

Blue (69%)

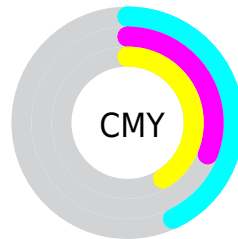


Cyan (18%)

Magenta (0%)

Yellow (15%)

Black (31%)



Cyan (43%)


Magenta (31%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 18.592, 148.054 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, 18.592, 148.054 by changing the saturation by 10% instead.


 69, 18.592,
148.054


 69, 18.592,
148.054


 100, 18.592,
148.054


 59, 18.592,
148.054


 89, 18.592,
148.054

 49, 18.592,
148.054

 99, 18.592,
148.054

 39, 18.592,
148.054

 29, 18.592,
148.054

 19, 18.592,
148.054

 9, 18.592, 148.054

 0, 18.592, 148.054

■ 69, 18.592,
148.054

■ 69, 18.592,
148.054

■ 68, 29.182,
147.230

■ 71, 7.989, 148.777

■ 66, 39.595,
146.278

■ 72, 2.508, 329.240

■ 65, 49.634,
145.182

■ 74, 12.809,
329.851

■ 64, 59.072,
143.936

■ 76, 22.852,
330.314

■ 64, 67.658,
142.549

■ 78, 32.601,
330.714

■ 63, 75.138,
141.060

■ 81, 42.036,
331.063

■ 63, 81.268,
139.542

■ 82, 48.742,
326.639

■ 63, 85.879,

■ 82, 49.343,
326.129

138.133

 63, 86.789,
137.864

Harmonies

Complementary

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



69, 18.592, 148.054



64, 18.646, 330.255

Rectangle

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



69, 18.592, 148.054



69, 18.592, 198.054



69, 18.592, 328.054



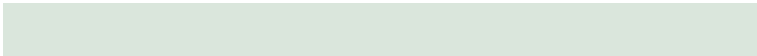
69, 18.592, 18.054

Sweetspot

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



69, 18.594, 148.054



90, 6.500, 148.955



71, 16.910, 114.765



48, 4.433, 148.905



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, 18.594, 148.054



87, 27.529, 147.758



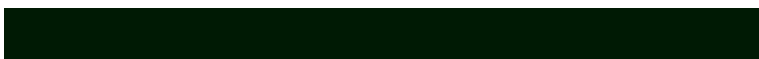
69, 12.964, 170.986



37, 6.023, 148.656



55, 77.916, 138.033



7, 14.918, 148.031

Inverse Universe

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



64, 18.646, 330.255



79, 27.610, 330.490



63, 13.514, 354.271



35, 6.039, 329.738



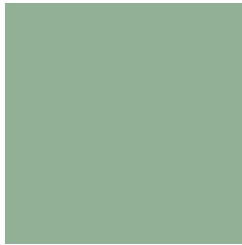
35, 69.714, 335.758



2, 13.821, 331.661

Previews

White Background



This preview shows how the CIELCh color 69, 18.592, 148.054 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, 18.592, 148.054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

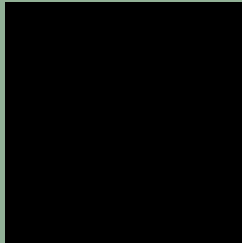
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 18.592, 148.054

Background



This preview shows how black text looks on a background with the CIELCh color 69, 18.592, 148.054.

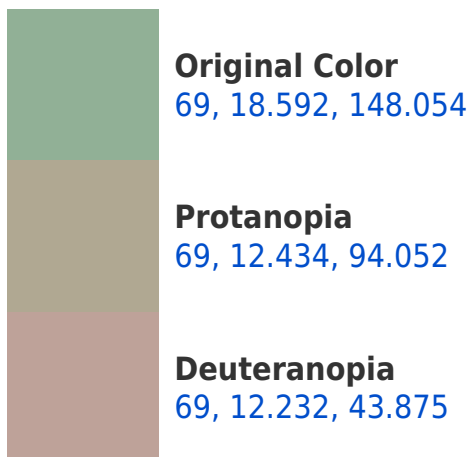


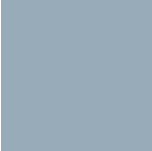
This preview shows how white text looks on a background with the CIELCh color 69, 18.592, 148.054.

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, 10.286, 247.622

Trichromacy



Original Color
69, 18.592, 148.054

Protanomaly
69, 12.786, 119.516

Deuteranomaly
69, 8.650, 90.751

Tritanomaly
69, 8.760, 195.111

Monochromacy



Original Color
69, 18.592, 148.054

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 6.517, 149.538

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 18.592, 148.054 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(145, 176, 150)` looks like.

```
.text, #text, p{  
    color:rgb(145, 176, 150)  
}
```

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(145, 176, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 176, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 18.592, 148.054 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(145, 176, 150) }
```

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

```
.border{ border-color:rgb(145, 176, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 176, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 176, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 176, 150);  
box-shadow:4px 4px 4px 4px rgb(145, 176,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 18.592, 148.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 176, 150) }
```

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

```
.background{ background-color: rgb(145,  
176, 150) }
```

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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