

Converting Colors

CIELCh(69, 18.630, 139.795)

Have a look what the booklet for
CIELCh(69, 18.630, 139.795)
contains.

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Color

CIELCh(69, 18.630, 139.795)

Conversions

Conversions Part 1

Format	Color
Hex	96AF92
RGB	150, 175, 146
RGB Percent	59%, 69%, 57%
CMY	0.4108, 0.3128, 0.4265
CMYK	0.14, 0.00, 0.17, 0.31
HSL	112°, 15%, 63%
HSV	112°, 17%, 69%
XYZ	33.2058, 39.3444, 33.1348
YIQ	164.2190, -5.5910, -14.3190

Conversions

Conversions Part 2

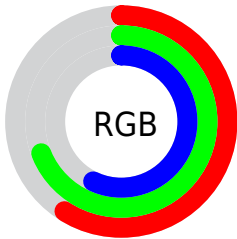
Format	Color
RYB	146, 175, 171
Decimal	9875346
CIELab	69.00, -14.23, 12.03
CIELCh	69, 18.630, 139.795
Yxy	39.3444, 0.3142, 0.3723
Android (android.graphics.Color)	4288065426 (0xFF96AF92)
YUV	164.2190, -8.9820, -12.4701
Hunter-Lab	62.7251, -15.2734, 12.5873

Details

The CIELCh color **69, 18.630, 139.795** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **64, 18.735, 321.387**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 18.939, 140.210**, and **49, 18.489, 139.222** is the 20% darker color. If you saturate the color by 10%, you get **68, 29.934, 139.177**, and if you desaturate by 10%, it is **71, 7.336, 140.350**.

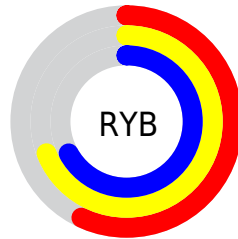
Distribution



Red (59%)

Green (69%)

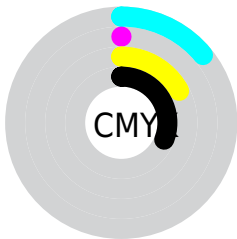
Blue (57%)



Red (57%)

Yellow (69%)

Blue (67%)

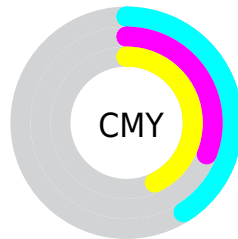


Cyan (14%)

Magenta (0%)

Yellow (17%)

Black (31%)



Cyan (41%)


Magenta (31%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 18.630, 139.795 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, 18.630, 139.795 by changing the saturation by 10% instead.

 69, 18.630,
139.795


 69, 18.630,
139.795


 100, 18.630,
139.795


 59, 18.630,
139.795


 89, 18.630,
139.795

 49, 18.630,
139.795

 99, 18.630,
139.795

 39, 18.630,
139.795

 29, 18.630,
139.795

 19, 18.630,
139.795

 9, 18.630, 139.795

 0, 18.630, 139.795

69, 18.630,
139.795

69, 18.630,
139.795

68, 29.934,
139.177

71, 7.336, 140.350

66, 41.089,
138.484

72, 3.841, 320.733

65, 51.887,
137.730

74, 14.821,
321.169

65, 62.053,
136.948

76, 25.551,
321.514

64, 71.228,
136.204

78, 36.000,
321.805

63, 78.971,
135.600

80, 46.150,
322.051

63, 84.815,
135.263

81, 49.894,
326.148

63, 88.485,

135.269

 62, 89.470,
135.249

Harmonies

Complementary

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



69, 18.630, 139.795



64, 18.735, 321.387

Rectangle

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



69, 18.630, 139.795



69, 18.630, 189.795



69, 18.630, 319.795



69, 18.630, 9.795

Sweetspot

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



69, 18.632, 139.796



89, 6.897, 140.430



70, 13.539, 101.450



48, 4.747, 140.392



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, 18.632, 139.796



86, 27.807, 139.570



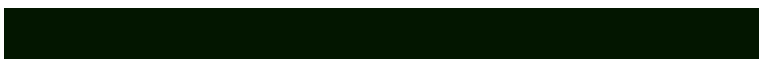
69, 15.139, 155.148



36, 6.295, 140.202



54, 79.865, 135.158



6, 13.370, 141.362

Inverse Universe

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



64, 18.735, 321.387



79, 27.986, 321.565



64, 15.283, 337.560



34, 6.321, 321.042



32, 78.782, 323.020



2, 13.050, 319.009

Previews

White Background



This preview shows how the CIELCh color 69, 18.630, 139.795 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 69, 18.630, 139.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

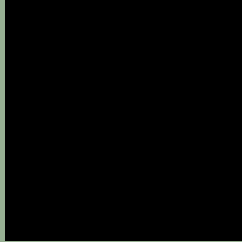
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 18.630, 139.795

Background



This preview shows how black text looks on a background with the CIELCh color 69, 18.630, 139.795.

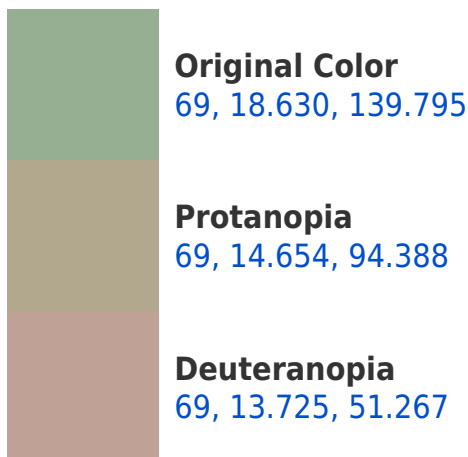


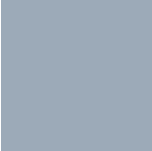
This preview shows how white text looks on a background with the CIELCh color 69, 18.630, 139.795.

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, 9.060, 257.514

Trichromacy



Original Color
69, 18.630, 139.795

Protanomaly
69, 14.811, 114.826

Deuteranomaly
69, 10.988, 90.089

Tritanomaly
69, 6.743, 189.505

Monochromacy



Original Color
69, 18.630, 139.795

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 6.511, 141.452

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 18.630, 139.795 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(150, 175, 146)` looks like.

```
.text, #text, p{  
    color:rgb(150, 175, 146)  
}
```

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(150, 175, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 175, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 18.630, 139.795 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(150, 175, 146) }
```

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

```
.border{ border-color:rgb(150, 175, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 175, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 175, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 175, 146);  
box-shadow:4px 4px 4px 4px rgb(150, 175,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 18.630, 139.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 175, 146) }
```

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

```
.background{ background-color: rgb(150,  
175, 146) }
```

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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