

Converting Colors

CIELCh(69, 14.822, 140.192)

Have a look what the booklet for
CIELCh(69, 14.822, 140.192)
contains.

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Color

CIELCh(69, 14.806, 140.196)

Conversions

Conversions Part 1

Format	Color
Hex	9AAE97
RGB	154, 174, 151
RGB Percent	60%, 68%, 59%
CMY	0.3963, 0.3179, 0.4081
CMYK	0.11, 0.00, 0.13, 0.32
HSL	112°, 12%, 64%
HSV	112°, 13%, 68%
XYZ	34.0197, 39.3444, 35.0534
YIQ	165.3980, -4.5370, -11.3930

Conversions

Conversions Part 2

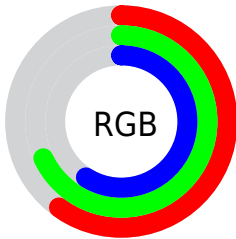
Format	Color
RYB	151, 174, 171
Decimal	10137239
CIELab	69.00, -11.37, 9.48
CIELCh	69, 14.806, 140.196
Yxy	39.3444, 0.3138, 0.3629
Android (android.graphics.Color)	4288327319 (0xFF9AAE97)
YUV	165.3980, -7.0982, -9.9960
Hunter-Lab	62.7251, -12.9573, 10.7738

Details

The CIELCh color **69, 14.806, 140.196** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 14.875, 321.450**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 15.309, 140.608**, and **49, 15.107, 139.786** is the 20% darker color. If you saturate the color by 10%, you get **68, 26.082, 139.596**, and if you desaturate by 10%, it is **71, 3.583, 140.756**.

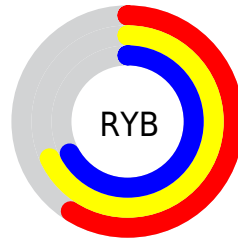
Distribution



Red (60%)

Green (68%)

Blue (59%)



Red (59%)

Yellow (68%)

Blue (67%)

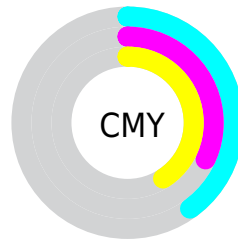


Cyan (11%)

Magenta (0%)

Yellow (13%)

Black (32%)



Cyan (40%)


Magenta (32%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 14.806, 140.196 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, 14.806, 140.196 by changing the saturation by 10% instead.

 69, 14.806,
140.196


 69, 14.806,
140.196


 100, 14.806,
140.196


 59, 14.806,
140.196


 89, 14.806,
140.196

 49, 14.806,
140.196

 99, 14.806,
140.196

 39, 14.806,
140.196

 29, 14.806,
140.196

 19, 14.806,
140.196

 9, 14.806, 140.196

 0, 14.806, 140.196

69, 14.806,
140.196

69, 14.806,
140.196

68, 26.082,
139.596

71, 3.583, 140.756

66, 37.264,
138.920

72, 7.494, 321.116

65, 48.164,
138.173

74, 18.351,
321.512

64, 58.531,
137.382

76, 28.945,
321.839

64, 68.033,
136.599

78, 39.250,
322.116

63, 76.259,
135.914


80, 49.117,
322.445

62, 82.739,
135.449

81, 50.695,
326.175

62, 87.078,

135.320

 62, 89.045,
135.307

Harmonies

Complementary

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



69, 14.806, 140.196



65, 14.875, 321.450

Rectangle

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



69, 14.806, 140.196



69, 14.806, 190.196



69, 14.806, 320.196



69, 14.806, 10.196

Sweetspot

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



69, 14.808, 140.197



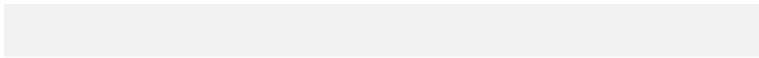
89, 5.525, 140.704



70, 10.928, 102.719



48, 3.961, 140.660



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, 14.808, 140.197



87, 22.273, 140.021



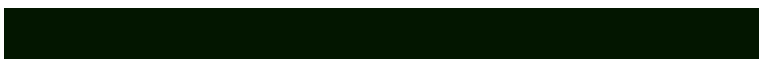
69, 11.861, 156.146



36, 6.310, 140.414



54, 79.935, 135.224



6, 13.395, 141.536

Inverse Universe

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



65, 14.875, 321.450



81, 22.389, 321.596



65, 11.965, 338.050



34, 6.335, 321.261



32, 78.716, 323.295



2, 13.088, 319.304

Previews

White Background



This preview shows how the CIELCh color 69, 14.806, 140.196 looks on a white background.

Color Contrast Check

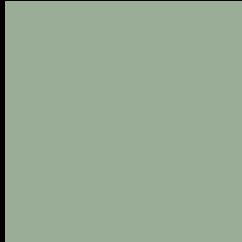
Large Text (above 18pt) WCAG AA × Fail

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, 14.806, 140.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

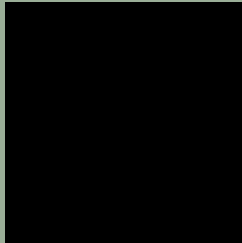
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 14.806, 140.196

Background



This preview shows how black text looks on a background with the CIELCh color 69, 14.806, 140.196.

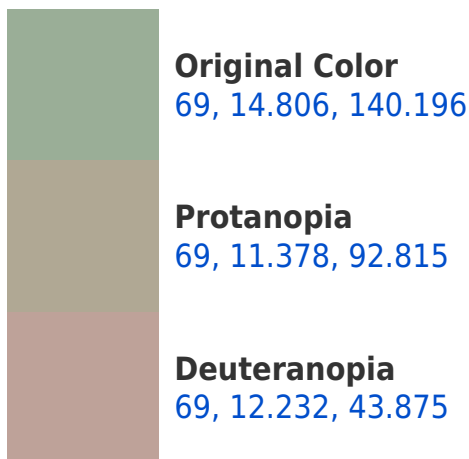


This preview shows how white text looks on a background with the CIELCh color 69, 14.806, 140.196.

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, 8.413, 265.692

Trichromacy



Original Color
69, 14.806, 140.196

Protanomaly
69, 11.498, 112.927

Deuteranomaly
69, 8.805, 79.823

Tritanomaly
69, 5.167, 199.059

Monochromacy



Original Color
69, 14.806, 140.196

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 5.162, 140.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 14.806, 140.196 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(154, 174, 151)` looks like.

```
.text, #text, p{  
    color:rgb(154, 174, 151)  
}
```

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(154, 174, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 174, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 14.806, 140.196 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(154, 174, 151) }
```

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

```
.border{ border-color:rgb(154, 174, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 174, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 174, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 174, 151); box-shadow:4px 4px 4px 4px rgb(154, 174, 151) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 14.806, 140.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 174, 151) }
```

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

```
.background{ background-color: rgb(154,  
174, 151) }
```

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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