

Converting Colors

CIELCh(69, 9.736, 145.322)

Have a look what the booklet for
CIELCh(69, 9.736, 145.322) contains.

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Color

CIELCh(69, 9.616, 145.796)

Conversions

Conversions Part 1

Format	Color
Hex	9DAC9E
RGB	157, 172, 158
RGB Percent	62%, 67%, 62%
CMY	0.3828, 0.3239, 0.3789
CMYK	0.09, 0.00, 0.08, 0.32
HSL	124°, 8%, 65%
HSV	124°, 9%, 68%
XYZ	35.0129, 39.3444, 38.2717
YIQ	165.9190, -4.4460, -7.5340

Conversions

Conversions Part 2

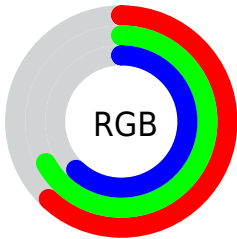
Format	Color
RYB	157, 171, 172
Decimal	10333342
CIELab	69.00, -7.95, 5.41
CIELCh	69, 9.616, 145.796
Yxy	39.3444, 0.3109, 0.3493
Android (android.graphics.Color)	4288523422 (0xFF9DAC9E)
YUV	165.9190, -3.9041, -7.8220
Hunter-Lab	62.7251, -10.1308, 7.7318

Details

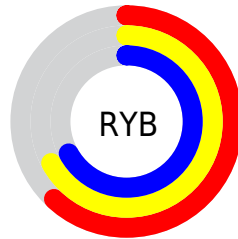
The CIELCh color $69, 9.616, 145.796$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 9.636, 326.743$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 9.116, 145.927$, and $49, 9.568, 145.761$ is the 20% darker color. If you saturate the color by 10%, you get $67, 20.769, 145.098$, and if you desaturate by 10%, it is $71, 1.427, 326.182$.

Distribution



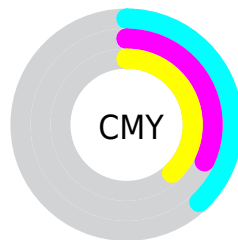
- Red (62%)
- Green (67%)
- Blue (62%)



- Red (62%)
- Yellow (67%)
- Blue (67%)



- Cyan (9%)
- Magenta (0%)
- Yellow (8%)
- Black (32%)



- Cyan (38%)
- Magenta (32%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 9.616, 145.796 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, 9.616, 145.796 by changing the saturation by 10% instead.

■ 69, 9.616, 145.796

■ 69, 9.616, 145.796

■ 100, 9.616,
145.796

■ 59, 9.616, 145.796

■ 89, 9.616, 145.796

■ 49, 9.616, 145.796

■ 99, 9.616, 145.796

■ 39, 9.616, 145.796

■ 29, 9.616, 145.796

■ 19, 9.616, 145.796

■ 9, 9.616, 145.796

■ 0, 9.616, 145.796

■ 69, 9.616, 145.796

■ 69, 9.616, 145.796

■ 67, 20.769,

■ 71, 1.427, 326.182

145.098

73, 12.265,
326.832

66, 31.886,
144.295

75, 22.830,
327.266

65, 42.783,
143.366

77, 33.082,
327.634

64, 53.227,
142.308

79, 43.001,
327.950

63, 62.933,
141.132

81, 51.613,
326.228

62, 71.576,
139.880

81, 51.640,
326.207

62, 78.797,
138.628

62, 84.245,
137.497

61, 87.727,
136.664

Harmonies

Complementary

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



69, 9.616, 145.796



67, 9.636, 326.743

Rectangle

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



69, 9.616, 145.796



69, 9.616, 195.796



69, 9.616, 325.796



69, 9.616, 15.796

Sweetspot

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



69, 9.618, 145.796



89, 4.084, 146.185



70, 8.184, 111.386



47, 3.095, 146.124



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



69, 9.618, 145.796



87, 13.703, 145.698



69, 6.774, 165.751



36, 6.286, 145.756



54, 79.466, 136.702



6, 13.349, 145.933

Inverse Universe

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



67, 9.636, 326.743



84, 13.726, 326.829



66, 6.872, 347.128



34, 6.298, 326.778



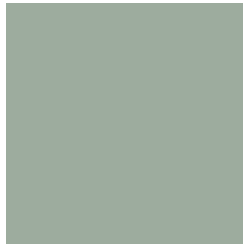
35, 74.053, 331.026



2, 12.967, 327.160

Previews

White Background



This preview shows how the CIELCh color 69, 9.616, 145.796 looks on a white background.

Color Contrast Check

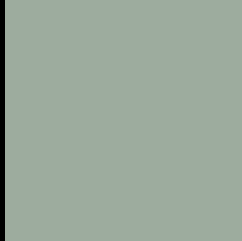
Large Text (above 18pt) WCAG AA × Fail

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, 9.616, 145.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

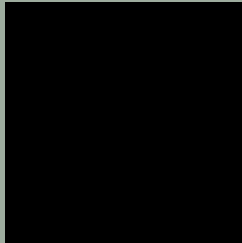
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

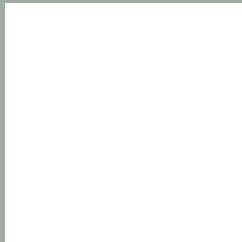
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 9.616, 145.796

Background



This preview shows how black text looks on a background with the CIELCh color 69, 9.616, 145.796.



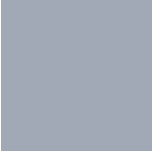
This preview shows how white text looks on a background with the CIELCh color 69, 9.616, 145.796.

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](#).

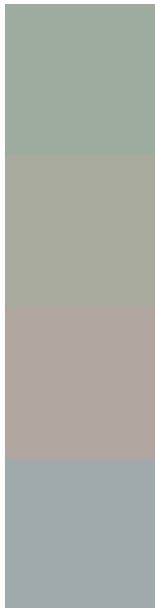
Dichromacy





Tritanopia
69, 7.644, 268.703

Trichromacy



Original Color
69, 9.616, 145.796

Protanomaly
69, 7.151, 115.657

Deuteranomaly
69, 5.444, 64.241

Tritanomaly
69, 4.011, 223.529

Monochromacy



Original Color
69, 9.616, 145.796

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.351, 144.346

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 9.616, 145.796 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(157, 172, 158)` looks like.

```
.text, #text, p{  
    color:rgb(157, 172, 158)  
}
```

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(157, 172, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 172, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 9.616, 145.796 is called "border". The border property can be set on classes, ids or directly on the HTML element.

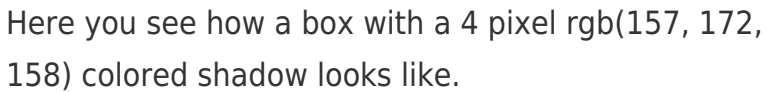
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 172, 158) }
```

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

```
.border{ border-color:rgb(157, 172, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 172, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 172, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 172, 158); box-shadow:4px 4px 4px 4px rgb(157, 172, 158) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 9.616, 145.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 172, 158) }
```

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

```
.background{ background-color: rgb(157,  
172, 158) }
```

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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