

Converting Colors

CIELCh(69, 9.457, 138.434)

Have a look what the booklet for
CIELCh(69, 9.457, 138.434) contains.

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Color

CIELCh(69, 9.447, 138.437)

Conversions

Conversions Part 1

Format	Color
Hex	A0AC9D
RGB	160, 172, 157
RGB Percent	63%, 67%, 62%
CMY	0.3731, 0.3260, 0.3848
CMYK	0.07, 0.00, 0.09, 0.33
HSL	108°, 8%, 64%
HSV	108°, 9%, 67%
XYZ	35.2727, 39.3444, 37.5748
YIQ	166.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

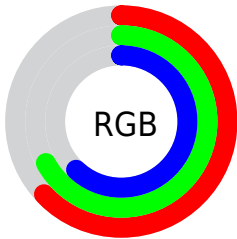
Format	Color
RYB	157, 172, 169
Decimal	10529949
CIELab	69.00, -7.07, 6.27
CIElCh	69, 9.447, 138.437
Yxy	39.3444, 0.3144, 0.3507
Android (android.graphics.Color)	4288720029 (0xFFA0AC9D)
YUV	166.7020, -4.7831, -5.8777
Hunter-Lab	62.7251, -9.3915, 8.3906

Details

The CIELCh color $69, 9.447, 138.437$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 9.500, 319.173$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 8.958, 138.537$, and $49, 9.387, 137.884$ is the 20% darker color. If you saturate the color by 10%, you get $68, 20.361, 137.915$, and if you desaturate by 10%, it is $71, 1.377, 318.732$.

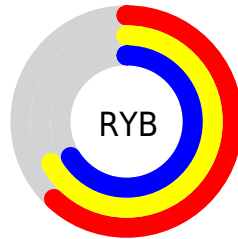
Distribution



Red (63%)

Green (67%)

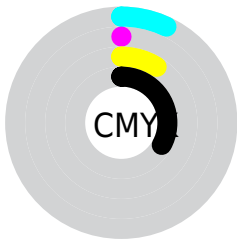
Blue (62%)



Red (62%)

Yellow (67%)

Blue (66%)

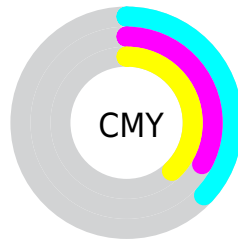


Cyan (7%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (37%)

Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 9.447, 138.437 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, 9.447, 138.437 by changing the saturation by 10% instead.

■ 69, 9.447, 138.437

■ 69, 9.447, 138.437

■ 100, 9.447,
138.437

■ 59, 9.447, 138.437

■ 89, 9.447, 138.437

■ 49, 9.447, 138.437

■ 99, 9.447, 138.437

■ 39, 9.447, 138.437

■ 29, 9.447, 138.437

■ 19, 9.447, 138.437

■ 9, 9.447, 138.437

■ 0, 9.447, 138.437

■ 69, 9.447, 138.437

■ 69, 9.447, 138.437

■ 68, 20.361,

■ 71, 1.377, 318.732

137.915

72, 12.042,
319.241

66, 31.252,
137.335

74, 22.495,
319.582

65, 41.977,
136.700

76, 32.703,
319.871

64, 52.335,
136.031

78, 42.646,
320.116

63, 62.058,
135.371

79, 50.074,
321.735

63, 70.793,
134.795

81, 51.962,
326.217

62, 78.106,
134.412

62, 83.549,
134.348

62, 87.049,
134.589

Harmonies

Complementary

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



69, 9.447, 138.437



66, 9.500, 319.173

Rectangle

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



69, 9.447, 138.437



69, 9.447, 188.437



69, 9.447, 318.437



69, 9.447, 8.437

Sweetspot

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



69, 9.449, 138.439



89, 4.015, 138.738



69, 6.654, 99.411



47, 3.043, 138.691



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, 9.449, 138.439



87, 13.459, 138.365



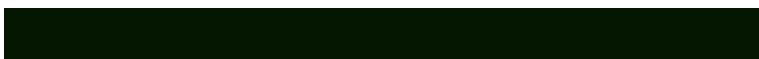
69, 8.131, 153.722



36, 6.175, 138.409



54, 79.173, 134.498



6, 13.166, 139.905

Inverse Universe

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



66, 9.500, 319.173



83, 13.537, 319.239



66, 8.171, 334.835



34, 6.209, 319.200



30, 79.409, 320.819



2, 12.756, 316.599

Previews

White Background



This preview shows how the CIELCh color 69, 9.447, 138.437 looks on a white background.

Color Contrast Check

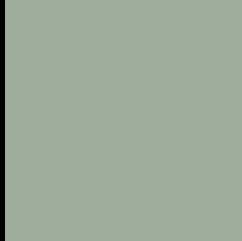
Large Text (above 18pt) WCAG AA × Fail

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, 9.447, 138.437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

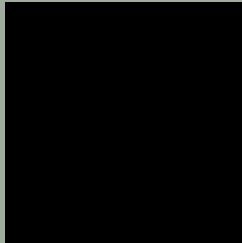
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

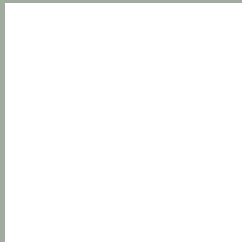
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 9.447, 138.437

Background



This preview shows how black text looks on a background with the CIELCh color 69, 9.447, 138.437.



This preview shows how white text looks on a background with the CIELCh color 69, 9.447, 138.437.

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



Original Color

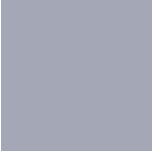
69, 9.447, 138.437

Protanopia

69, 7.475, 91.149

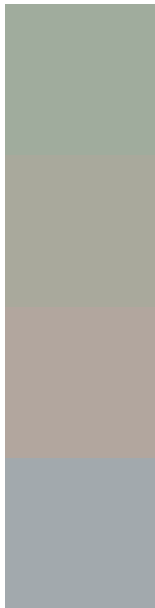
Deuteranopia

69, 10.346, 29.342



Tritanopia
69, 7.801, 280.248

Trichromacy



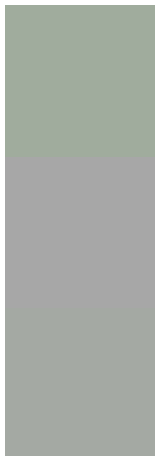
Original Color
69, 9.447, 138.437

Protanomaly
69, 7.108, 109.445

Deuteranomaly
69, 6.400, 62.707

Tritanomaly
69, 3.367, 240.179

Monochromacy



Original Color
69, 9.447, 138.437

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 3.813, 139.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 9.447, 138.437 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(160, 172, 157)` looks like.

```
.text, #text, p{  
    color:rgb(160, 172, 157)  
}
```

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(160, 172, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 172, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 9.447, 138.437 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(160, 172, 157) }
```

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

```
.border{ border-color:rgb(160, 172, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 172, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 172, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 172, 157);  
box-shadow:4px 4px 4px 4px rgb(160, 172,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 9.447, 138.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 172, 157) }
```

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

```
.background{ background-color: rgb(160,  
172, 157) }
```

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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