

Converting Colors

CIELCh(69, 17.835, 131.753)

Have a look what the booklet for
CIELCh(69, 17.835, 131.753)
contains.

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Color

CIELCh(69, 17.854, 131.749)

Conversions

Conversions Part 1

Format	Color
Hex	9CAE90
RGB	156, 174, 144
RGB Percent	61%, 68%, 56%
CMY	0.3883, 0.3177, 0.4354
CMYK	0.10, 0.00, 0.17, 0.32
HSL	96°, 16%, 62%
HSV	96°, 17%, 68%
XYZ	33.8722, 39.3444, 32.1877
YIQ	165.1980, -1.0980, -13.1460

Conversions

Conversions Part 2

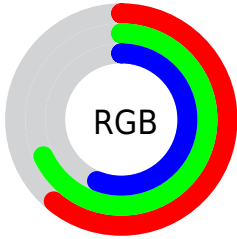
Format	Color
RYB	144, 174, 162
Decimal	10268304
CIELab	69.00, -11.89, 13.32
CIELCh	69, 17.854, 131.749
Yxy	39.3444, 0.3214, 0.3733
Android (android.graphics.Color)	4288458384 (0xFF9CAE90)
YUV	165.1980, -10.4506, -8.0666
Hunter-Lab	62.7251, -13.3771, 13.4826

Details

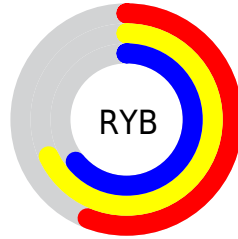
The CIELCh color **69, 17.854, 131.749** is a light color, and the websafe version is hex **999966**. A complement of this color would be **62, 18.180, 313.208**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 17.426, 131.258**, and **49, 17.819, 131.750** is the 20% darker color. If you saturate the color by 10%, you get **68, 28.207, 131.273**, and if you desaturate by 10%, it is **70, 7.479, 132.206**.

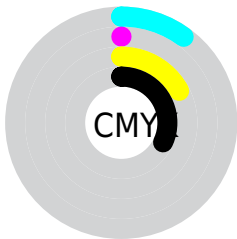
Distribution



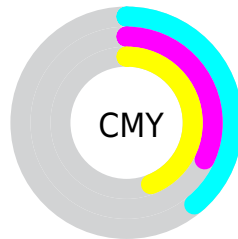
- Red (61%)
- Green (68%)
- Blue (56%)



- Red (56%)
- Yellow (68%)
- Blue (64%)



- Cyan (10%)
- Magenta (0%)
- Yellow (17%)
- Black (32%)



- Cyan (39%)
- Magenta (32%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 17.854, 131.749 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, 17.854, 131.749 by changing the saturation by 10% instead.

 69, 17.854,
131.749


 69, 17.854,
131.749

 100, 17.854,
131.749

 59, 17.854,
131.749


 89, 17.854,
131.749

 49, 17.854,
131.749

 99, 17.854,
131.749

 39, 17.854,
131.749

 29, 17.854,
131.749

 19, 17.854,
131.749

 9, 17.854, 131.749

 0, 17.854, 131.749

69, 17.854,
131.749

69, 17.854,
131.749

68, 28.207,
131.273

70, 7.479, 132.206

67, 38.423,
130.781

71, 2.845, 312.546

66, 48.350,
130.302

73, 13.062,
312.948

65, 57.769,
129.886

74, 23.133,
313.278

65, 66.375,
129.610

76, 33.030,
313.567

64, 73.772,
129.581

77, 42.737,
313.820


63, 79.527,
129.926

79, 47.073,
316.469

63, 83.438,

80, 48.368,
320.497

130.695

 81, 49.870,
324.366

 63, 84.380,
130.902

Harmonies

Complementary

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



69, 17.854, 131.749



62, 18.180, 313.208

Rectangle

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



69, 17.854, 131.749



69, 17.854, 181.749



69, 17.854, 311.749



69, 17.854, 1.749

Sweetspot

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



69, 17.856, 131.751



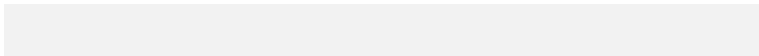
89, 6.400, 132.304



67, 11.007, 83.219



48, 4.404, 132.272



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, 17.856, 131.751



87, 27.000, 131.556



68, 18.834, 146.178



36, 5.834, 132.113



55, 75.669, 130.724



6, 12.567, 134.899

Inverse Universe

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



62, 18.180, 313.208



77, 27.607, 313.395



63, 18.867, 328.245



34, 5.897, 312.855



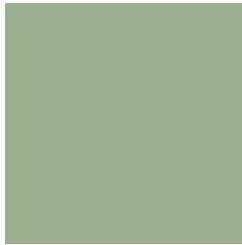
25, 82.290, 314.585



1, 12.060, 309.212

Previews

White Background



This preview shows how the CIELCh color 69, 17.854, 131.749 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, 17.854, 131.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

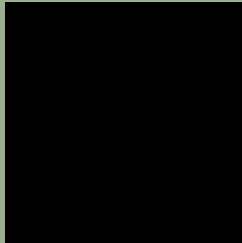
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

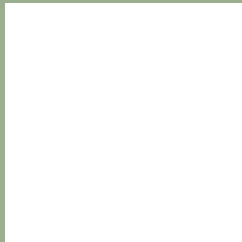
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 17.854, 131.749

Background



This preview shows how black text looks on a background with the CIELCh color 69, 17.854, 131.749.



This preview shows how white text looks on a background with the CIELCh color 69, 17.854, 131.749.

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

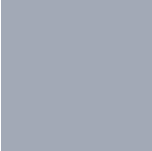
69, 17.854, 131.749

Protanopia

69, 15.184, 94.814

Deuteranopia

69, 15.062, 55.521



Tritanopia
69, 7.524, 271.247

Trichromacy



Original Color
69, 17.854, 131.749

Protanomaly
69, 15.275, 110.109

Deuteranomaly
69, 12.629, 84.580

Tritanomaly
69, 4.447, 177.397

Monochromacy



Original Color
69, 17.854, 131.749

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.479, 130.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 17.854, 131.749 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(156, 174, 144)` looks like.

```
.text, #text, p{  
    color:rgb(156, 174, 144)  
}
```

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(156, 174, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 174, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 17.854, 131.749 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(156, 174, 144) }
```

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

```
.border{ border-color:rgb(156, 174, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 174, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 174, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 174, 144);  
box-shadow:4px 4px 4px 4px rgb(156, 174,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 17.854, 131.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 174, 144) }
```

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

```
.background{ background-color: rgb(156,  
174, 144) }
```

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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