

Converting Colors

CIELCh(69, 14.595, 114.907)

Have a look what the booklet for
CIELCh(69, 14.595, 114.907)
contains.

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Color

CIELCh(69, 14.811, 114.826)

Conversions

Conversions Part 1

Format	Color
Hex	A7AB90
RGB	167, 171, 144
RGB Percent	65%, 67%, 56%
CMY	0.3452, 0.3295, 0.4354
CMYK	0.02, 0.00, 0.16, 0.33
HSL	69°, 14%, 62%
HSV	69°, 16%, 67%
XYZ	35.5236, 39.3444, 32.0994
YIQ	166.7260, 6.2830, -9.2450

Conversions

Conversions Part 2

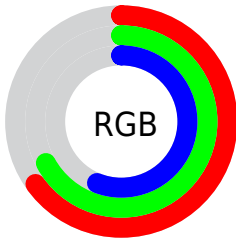
Format	Color
R_{YB}	144, 171, 148
Decimal	10988432
CIE _{Lab}	69.00, -6.22, 13.44
CIE _{LCh}	69, 14.811, 114.826
Yxy	39.3444, 0.3321, 0.3678
Android (android.graphics.Color)	4289178512 (0xFFA7AB90)
YUV	166.7260, -11.2039, 0.2403
Hunter-Lab	62.7251, -8.6775, 13.5661

Details

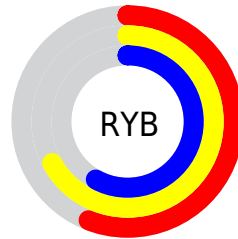
The CIELCh color **69, 14.811, 114.826** is a light color, and the websafe version is hex **999966**. A complement of this color would be **61, 15.329, 297.272**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 14.585, 114.847**, and **49, 14.643, 114.979** is the 20% darker color. If you saturate the color by 10%, you get **68, 24.095, 114.086**, and if you desaturate by 10%, it is **70, 5.439, 115.569**.

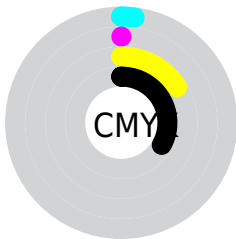
Distribution



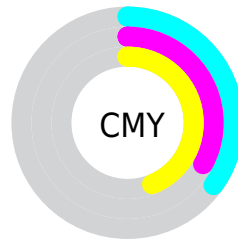
- Red (65%)
- Green (67%)
- Blue (56%)



- Red (56%)
- Yellow (67%)
- Blue (58%)



- Cyan (2%)
- Magenta (0%)
- Yellow (16%)
- Black (33%)





- Cyan (35%)
- Magenta (33%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 14.811, 114.826 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, 14.811, 114.826 by changing the saturation by 10% instead.

 69, 14.811,
114.826


 69, 14.811,
114.826


 100, 14.811,
114.826


 59, 14.811,
114.826


 89, 14.811,
114.826

 49, 14.811,
114.826


 99, 14.811,
114.826

 39, 14.811,
114.826

 29, 14.811,
114.826

 19, 14.811,
114.826

 9, 14.811, 114.826

 0, 14.811, 114.826

69, 14.811,
114.826

69, 14.811,
114.826

68, 24.095,
114.086

70, 5.439, 115.569

68, 33.201,
113.353

70, 3.968, 296.293

68, 42.003,
112.660

71, 13.371,
296.985

67, 50.310,
112.043

72, 22.742,
297.646

67, 57.840,
111.555

73, 32.058,
298.272

66, 64.213,
111.265

73, 41.306,
298.861

66, 69.001,
111.251

74, 45.867,
299.636

66, 71.927,

74, 45.941,
300.620

111.569

■ 74, 46.026,
301.608

■ 66, 72.893,
111.745

Harmonies

Complementary

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



69, 14.811, 114.826



61, 15.329, 297.272

Rectangle

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



69, 14.811, 114.826



69, 14.811, 164.826



69, 14.811, 294.826



69, 14.811, 344.826

Sweetspot

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



69, 14.813, 114.831



88, 5.802, 115.620



63, 9.583, 32.247



47, 3.991, 115.571



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, 14.813, 114.831



87, 22.001, 114.567



68, 16.266, 132.919



36, 5.377, 115.311



59, 66.327, 111.658



7, 11.480, 118.254

Inverse Universe

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



61, 15.329, 297.272



75, 22.950, 297.603



62, 16.511, 314.235



34, 5.491, 296.710



17, 89.305, 306.966



1, 11.399, 294.925

Previews

White Background



This preview shows how the CIELCh color 69, 14.811, 114.826 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, 14.811, 114.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

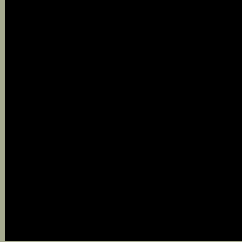
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

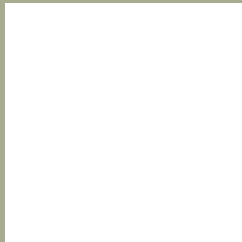
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 14.811, 114.826

Background



This preview shows how black text looks on a background with the CIELCh color 69, 14.811, 114.826.



This preview shows how white text looks on a background with the CIELCh color 69, 14.811, 114.826.

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, 14.811, 114.826

Protanopia
69, 14.654, 94.388

Deuteranopia
69, 15.403, 54.646



Tritanopia
69, 7.516, 308.031

Trichromacy



Original Color
69, 14.811, 114.826

Protanomaly
69, 14.276, 102.276

Deuteranomaly
69, 13.394, 74.158

Tritanomaly
69, 1.320, 74.894

Monochromacy



Original Color
69, 14.811, 114.826

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 4.945, 114.124

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 14.811, 114.826 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(167, 171, 144)` looks like.

```
.text, #text, p{  
    color:rgb(167, 171, 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(167, 171, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 171, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 14.811, 114.826 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(167, 171, 144) }
```

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

```
.border{ border-color:rgb(167, 171, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 171, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 171, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 171, 144);  
box-shadow:4px 4px 4px 4px rgb(167, 171,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 14.811, 114.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 171, 144) }
```

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

```
.background{ background-color: rgb(167,  
171, 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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