

Converting Colors

CIELCh(70, 14.817, 116.354)

Have a look what the booklet for
CIELCh(70, 14.817, 116.354)
contains.

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Color

CIELCh(70, 14.817, 116.354)

Conversions

Conversions Part 1

Format	Color
Hex	A9AE93
RGB	169, 174, 147
RGB Percent	66%, 68%, 58%
CMY	0.3377, 0.3181, 0.4240
CMYK	0.03, 0.00, 0.16, 0.32
HSL	71°, 14%, 63%
HSV	71°, 16%, 68%
XYZ	36.7057, 40.7494, 33.4857
YIQ	169.4270, 5.6870, -9.4570

Conversions

Conversions Part 2

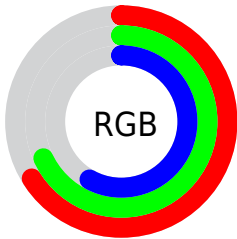
Format	Color
RYB	147, 174, 152
Decimal	11120275
CIELab	70.00, -6.58, 13.28
CIELCh	70, 14.817, 116.354
Yxy	40.7494, 0.3309, 0.3673
Android (android.graphics.Color)	4289310355 (0xFFA9AE93)
YUV	169.4270, -11.0565, -0.3745
Hunter-Lab	63.8353, -9.0729, 13.5832

Details

The CIELCh color **70, 14.817, 116.354** is a light color, and the websafe version is hex **999966**. A complement of this color would be **62, 15.314, 298.600**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 14.596, 116.302**, and **50, 15.210, 116.287** is the 20% darker color. If you saturate the color by 10%, you get **69, 24.270, 115.658**, and if you desaturate by 10%, it is **71, 5.280, 117.052**.

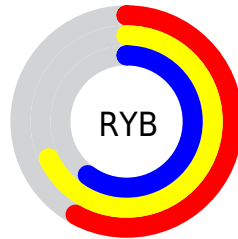
Distribution



Red (66%)

Green (68%)

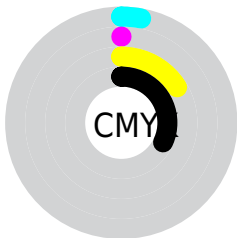
Blue (58%)



Red (58%)

Yellow (68%)

Blue (60%)

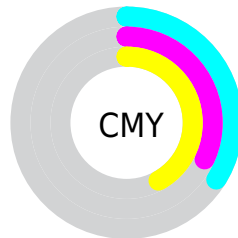


Cyan (3%)

Magenta (0%)

Yellow (16%)

Black (32%)



Cyan (34%)


Magenta (32%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 14.817, 116.354 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 70, 14.817, 116.354 by changing the saturation by 10% instead.


 70, 14.817,
116.354


 70, 14.817,
116.354


 100, 14.817,
116.354


 60, 14.817,
116.354


 90, 14.817,
116.354


 50, 14.817,
116.354

 40, 14.817,
116.354

 30, 14.817,
116.354

 20, 14.817,
116.354

 10, 14.817,
116.354

 0, 14.817, 116.354

70, 14.817,
116.354

70, 14.817,
116.354

69, 24.270,
115.658

71, 5.280, 117.052

69, 33.549,
114.970

71, 4.289, 297.724

68, 42.527,
114.320

72, 13.847,
298.371

68, 51.011,
113.750

73, 23.366,
298.985

68, 58.719,
113.315

74, 32.824,
299.564

67, 65.270,
113.090

75, 42.205,
300.107

67, 70.232,
113.162

75, 44.322,
301.246

67, 73.305,

75, 44.448,
302.561

113.599

■ 76, 44.596,
303.879

■ 66, 74.369,
113.848

Harmonies

Complementary

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



70, 14.817, 116.354



62, 15.314, 298.600

Rectangle

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



70, 14.817, 116.354



70, 14.817, 166.354



70, 14.817, 296.354



70, 14.817, 346.354

Sweetspot

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



70, 14.819, 116.359



90, 5.930, 117.082



65, 9.214, 37.386



48, 4.079, 117.035



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 14.819, 116.359



89, 22.493, 116.092



69, 16.442, 134.539



36, 5.396, 116.792



58, 66.821, 113.729



7, 11.543, 120.067

Inverse Universe

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



62, 15.314, 298.600



77, 23.440, 298.930



63, 16.650, 315.840



34, 5.507, 298.097



18, 88.934, 307.243



1, 11.424, 296.102

Previews

White Background



This preview shows how the CIE LCh color 70, 14.817, 116.354 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 70, 14.817, 116.354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

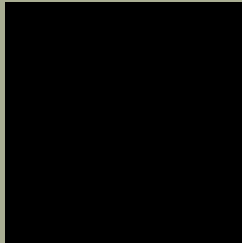
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

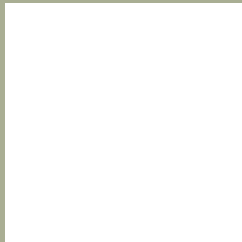
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 14.817, 116.354

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.817, 116.354.



This preview shows how white text looks on a background with the CIELCh color 70, 14.817, 116.354.

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


70, 14.817, 116.354

Protanopia

70, 14.606, 94.425

Deuteranopia

70, 15.000, 55.546



Tritanopia
70, 7.388, 305.291

Trichromacy



Original Color
70, 14.817, 116.354

Protanomaly
70, 14.230, 102.305

Deuteranomaly
70, 13.112, 75.644

Tritanomaly
70, 1.145, 90.727

Monochromacy



Original Color
70, 14.817, 116.354

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 5.519, 117.609

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.817, 116.354 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(169, 174, 147)` looks like.

```
.text, #text, p{  
    color:rgb(169, 174, 147)  
}
```

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(169, 174, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 174, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.817, 116.354 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(169, 174, 147) }
```

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

```
.border{ border-color:rgb(169, 174, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 174, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 174, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 174, 147);  
box-shadow:4px 4px 4px 4px rgb(169, 174,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.817, 116.354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 174, 147) }
```

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

```
.background{ background-color: rgb(169,  
174, 147) }
```

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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