

Converting Colors

CIELCh(70, 13.848, 100.438)

Have a look what the booklet for
CIELCh(70, 13.848, 100.438)
contains.

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Color

CIELCh(70, 14.279, 100.708)

Conversions

Conversions Part 1

Format	Color
Hex	B1AC92
RGB	177, 172, 146
RGB Percent	69%, 67%, 57%
CMY	0.3072, 0.3268, 0.4287
CMYK	0.00, 0.03, 0.18, 0.31
HSL	50°, 17%, 63%
HSV	50°, 18%, 69%
XYZ	37.9054, 40.7494, 32.9283
YIQ	170.5310, 11.3260, -7.0260

Conversions

Conversions Part 2

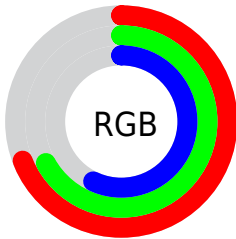
Format	Color
R_{YB}	152, 177, 146
Decimal	11644050
CIE _{Lab}	70.00, -2.65, 14.03
CIE _{LCh}	70, 14.279, 100.708
Yxy	40.7494, 0.3397, 0.3652
Android (android.graphics.Color)	4289834130 (0xFFB1AC92)
YUV	170.5310, -12.0938, 5.6733
Hunter-Lab	63.8353, -5.7183, 14.1010

Details

The CIELCh color **70, 14.279, 100.708** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 14.628, 284.791**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 14.127, 99.863**, and **50, 14.600, 101.439** is the 20% darker color. If you saturate the color by 10%, you get **69, 22.443, 99.586**, and if you desaturate by 10%, it is **71, 6.121, 101.810**.

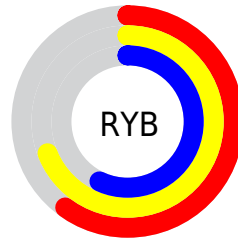
Distribution



Red (69%)

Green (67%)

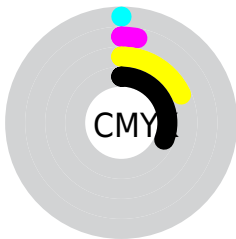
Blue (57%)



Red (60%)

Yellow (69%)

Blue (57%)

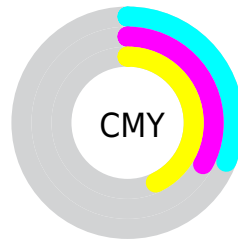


Cyan (0%)

Magenta (3%)

Yellow (18%)

Black (31%)



Cyan (31%)


Magenta (33%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 14.279, 100.708 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, 14.279, 100.708 by changing the saturation by 10% instead.


 70, 14.279,
100.708


 70, 14.279,
100.708


 100, 14.279,
100.708


 60, 14.279,
100.708


 90, 14.279,
100.708

 50, 14.279,
100.708

 40, 14.279,
100.708

 30, 14.279,
100.708

 20, 14.279,
100.708

 10, 14.279,
100.708

 0, 14.279, 100.708

70, 14.279,
100.708

70, 14.279,
100.708

69, 22.443, 99.586

71, 6.121, 101.810

68, 30.547, 98.437

72, 2.002, 282.966

67, 38.488, 97.280

74, 10.068,
283.951

66, 46.088, 96.123

75, 18.066,
284.938

65, 53.064, 94.975

76, 25.993,
285.884

64, 58.984, 93.835

78, 33.846,
286.784

63, 63.300, 92.688

62, 65.669, 91.503

78, 34.094,
285.361

62, 66.158, 91.214

79, 32.624,
283.255

■ 80, 31.201,
280.965

Harmonies

Complementary

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



70, 14.279, 100.708



63, 14.628, 284.791

Rectangle

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



70, 14.279, 100.708



70, 14.279, 150.708



70, 14.279, 280.708



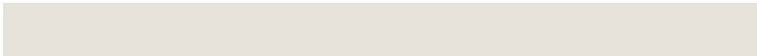
70, 14.279, 330.708

Sweetspot

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



70, 14.280, 100.715



90, 5.014, 102.067



63, 12.567, 7.482



48, 3.419, 101.996



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, 14.280, 100.715



88, 21.163, 100.286



71, 17.310, 122.104



37, 4.639, 101.618



54, 59.563, 91.363



7, 10.420, 98.438

Inverse Universe

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



63, 14.628, 284.791



77, 21.799, 285.338



62, 17.870, 304.068



35, 4.704, 283.724



20, 82.154, 303.259



1, 11.700, 284.591

Previews

White Background



This preview shows how the CIELCh color 70, 14.279, 100.708 looks on a white background.

Color Contrast Check

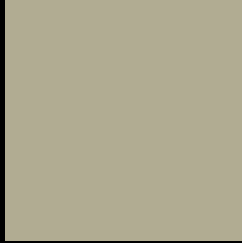
Large Text (above 18pt) WCAG AA × Fail

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, 14.279, 100.708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

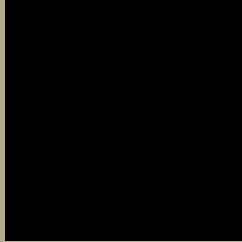
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

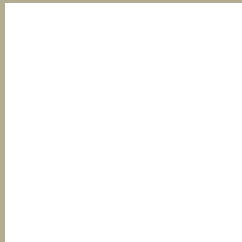
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 14.279, 100.708

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.279, 100.708.



This preview shows how white text looks on a background with the CIELCh color 70, 14.279, 100.708.

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, 14.279, 100.708

Protanopia

70, 14.606, 94.425

Deuteranopia

70, 16.041, 57.663



Tritanopia
70, 8.873, 326.827

Trichromacy



Original Color
70, 14.279, 100.708

Protanomaly
70, 14.511, 95.970

Deuteranomaly
70, 14.111, 70.138

Tritanomaly
70, 3.854, 27.737

Monochromacy



Original Color
70, 14.279, 100.708

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.464, 105.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.279, 100.708 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(177, 172, 146)` looks like.

```
.text, #text, p{  
    color:rgb(177, 172, 146)  
}
```

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(177, 172, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 172, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.279, 100.708 is called "border". The border property can be set on classes, ids or directly on the HTML element.

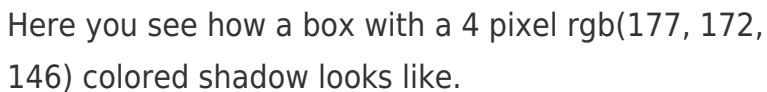
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 172, 146) }
```

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

```
.border{ border-color:rgb(177, 172, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 172, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 172, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 172, 146);  
box-shadow:4px 4px 4px 4px rgb(177, 172,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.279, 100.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 172, 146) }
```

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

```
.background{ background-color: rgb(177,  
172, 146) }
```

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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