

Converting Colors

CIELCh(70, 13.961, 125.278)

Have a look what the booklet for
CIELCh(70, 13.961, 125.278)
contains.

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Color

CIELCh(70, 14.172, 124.808)

Conversions

Conversions Part 1

Format	Color
Hex	A5AF96
RGB	165, 175, 150
RGB Percent	65%, 69%, 59%
CMY	0.3538, 0.3145, 0.4126
CMYK	0.06, 0.00, 0.14, 0.31
HSL	84°, 13%, 64%
HSV	84°, 14%, 69%
XYZ	36.2503, 40.7494, 34.7217
YIQ	169.1600, 2.0650, -9.8950

Conversions

Conversions Part 2

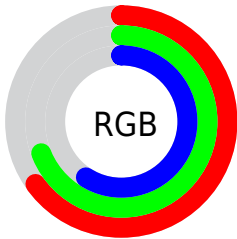
Format	Color
RYB	150, 175, 160
Decimal	10858390
CIELab	70.00, -8.09, 11.64
CIELCh	70, 14.172, 124.808
Yxy	40.7494, 0.3245, 0.3647
Android (android.graphics.Color)	4289048470 (0xFFA5AF96)
YUV	169.1600, -9.4459, -3.6483
Hunter-Lab	63.8353, -10.3465, 12.4353

Details

The CIELCh color **70, 14.172, 124.808** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 14.510, 306.233**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 14.552, 125.204**, and **50, 14.555, 125.194** is the 20% darker color. If you saturate the color by 10%, you get **69, 24.049, 124.299**, and if you desaturate by 10%, it is **71, 4.255, 125.318**.

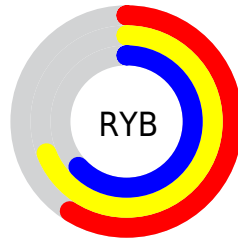
Distribution



Red (65%)

Green (69%)

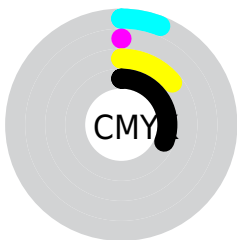
Blue (59%)



Red (59%)

Yellow (69%)

Blue (63%)

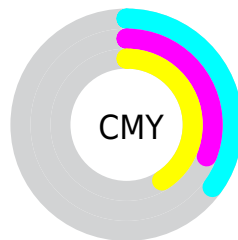


Cyan (6%)

Magenta (0%)

Yellow (14%)

Black (31%)



Cyan (35%)


Magenta (31%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 14.172, 124.808 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, 14.172, 124.808 by changing the saturation by 10% instead.

 70, 14.172,
124.808

 70, 14.172,
124.808


 100, 14.172,
124.808


 60, 14.172,
124.808


 90, 14.172,
124.808


 50, 14.172,
124.808

 40, 14.172,
124.808

 30, 14.172,
124.808

 20, 14.172,
124.808

 10, 14.172,
124.808

 0, 14.172, 124.808

70, 14.172,
124.808

70, 14.172,
124.808

69, 24.049,
124.299

71, 4.255, 125.318

68, 33.796,
123.789

72, 5.646, 305.755

68, 43.288,
123.309

73, 15.487,
306.200

67, 52.342,
122.903

74, 25.237,
306.605

66, 60.693,
122.639

75, 34.873,
306.976

66, 67.978,
122.612

77, 44.379,
307.313

65, 73.774,
122.941

77, 45.069,
310.152

65, 77.738,

78, 45.692,
313.010

123.729

■ 79, 46.418,
315.823

■ 65, 79.476,
124.284

Harmonies

Complementary

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



70, 14.172, 124.808



64, 14.510, 306.233

Rectangle

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



70, 14.172, 124.808



70, 14.172, 174.808



70, 14.172, 304.808



70, 14.172, 354.808

Sweetspot

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



70, 14.174, 124.811



90, 4.893, 125.330



67, 8.103, 62.417



48, 3.507, 125.291



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, 14.174, 124.811



88, 20.831, 124.659



69, 16.243, 140.971



36, 5.573, 125.064



56, 71.057, 124.089



6, 12.036, 128.928

Inverse Universe

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



64, 14.510, 306.233



79, 21.429, 306.403



65, 16.305, 322.387



34, 5.662, 305.960



21, 85.802, 310.040



1, 11.663, 302.786

Previews

White Background



This preview shows how the CIELCh color 70, 14.172, 124.808 looks on a white background.

Color Contrast Check

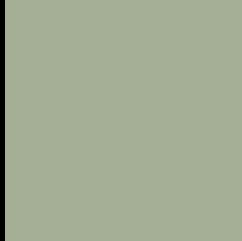
Large Text (above 18pt) WCAG AA × Fail

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, 14.172, 124.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

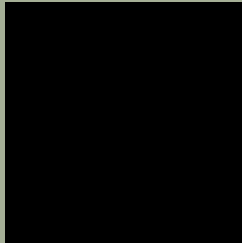
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 14.172, 124.808

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.172, 124.808.



This preview shows how white text looks on a background with the CIELCh color 70, 14.172, 124.808.

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, 14.172, 124.808

Protanopia

70, 12.515, 92.297

Deuteranopia

70, 13.668, 51.285



Tritanopia
70, 7.126, 290.895

Trichromacy



Original Color
70, 14.172, 124.808

Protanomaly
70, 12.542, 105.290

Deuteranomaly
70, 11.293, 79.637

Tritanomaly
70, 1.599, 179.587

Monochromacy



Original Color
70, 14.172, 124.808

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 5.162, 126.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.172, 124.808 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(165, 175, 150)` looks like.

```
.text, #text, p{  
    color:rgb(165, 175, 150)  
}
```

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(165, 175, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 175, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.172, 124.808 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(165, 175, 150) }
```

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

```
.border{ border-color:rgb(165, 175, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 175, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 175, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 175, 150);  
box-shadow:4px 4px 4px 4px rgb(165, 175,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.172, 124.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 175, 150) }
```

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

```
.background{ background-color: rgb(165,  
175, 150) }
```

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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