

Converting Colors

CIELCh(70, 28.721, 113.416)

Have a look what the booklet for
CIELCh(70, 28.721, 113.416)
contains.

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Color

CIELCh(70, 28.732, 113.877)

Conversions

Conversions Part 1

Format	Color
Hex	A8B07B
RGB	168, 176, 123
RGB Percent	66%, 69%, 48%
CMY	0.3416, 0.3102, 0.5180
CMYK	0.05, 0.00, 0.30, 0.31
HSL	69°, 25%, 59%
HSV	69°, 30%, 69%
XYZ	35.1988, 40.7494, 24.7161
YIQ	167.5660, 12.2450, -18.1790

Conversions

Conversions Part 2

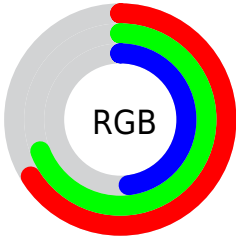
Format	Color
RYB	123, 176, 131
Decimal	11055227
CIELab	70.00, -11.63, 26.27
CIELCh	70, 28.732, 113.877
Yxy	40.7494, 0.3497, 0.4048
Android (android.graphics.Color)	4289245307 (0xFFA8B07B)
YUV	167.5660, -21.9710, 0.3806
Hunter-Lab	63.8353, -13.2866, 21.7284

Details

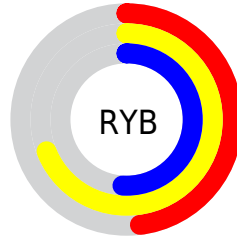
The CIELCh color **70, 28.732, 113.877** is a light color, and the websafe version is hex **999966**. A complement of this color would be **54, 30.785, 298.821**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 28.904, 113.945**, and **50, 28.766, 114.498** is the 20% darker color. If you saturate the color by 10%, you get **70, 37.938, 113.163**, and if you desaturate by 10%, it is **71, 19.298, 114.620**.

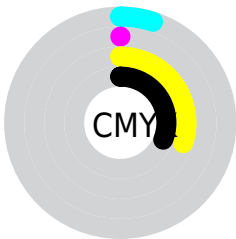
Distribution



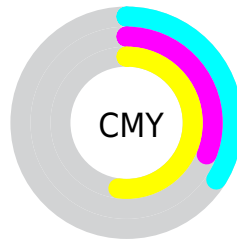
- Red (66%)
- Green (69%)
- Blue (48%)



- Red (48%)
- Yellow (69%)
- Blue (51%)



- Cyan (5%)
- Magenta (0%)
- Yellow (30%)
- Black (31%)





- Cyan (34%)
- Magenta (31%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 28.732, 113.877 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, 28.732, 113.877 by changing the saturation by 10% instead.

 70, 28.732,
113.877

 70, 28.732,
113.877


 100, 28.732,
113.877


 60, 28.732,
113.877


 90, 28.732,
113.877

 50, 28.732,
113.877

 40, 28.732,
113.877

 30, 28.732,
113.877

 20, 28.732,
113.877

 10, 28.732,
113.877

 0, 28.732, 113.877

70, 28.732,
113.877

70, 28.732,
113.877

70, 37.938,
113.163

71, 19.298,
114.620

69, 46.754,
112.500

71, 9.736, 115.361

69, 54.946,
111.936

72, 0.116, 116.035

72, 9.515, 296.794

68, 62.179,
111.532

73, 19.123,
297.467

68, 68.029,
111.362

74, 28.684,
298.107

68, 72.083,
111.503

75, 38.181,
298.709

68, 74.482,
111.923

75, 43.030,
299.546

■ 76, 43.114,
300.659

Harmonies

Complementary

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



70, 28.732, 113.877



54, 30.785, 298.821

Rectangle

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



70, 28.732, 113.877



70, 28.732, 163.877



70, 28.732, 293.877



70, 28.732, 343.877

Sweetspot

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



70, 28.734, 113.880



90, 10.740, 115.433



59, 19.610, 34.351



48, 7.454, 115.328



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, 28.734, 113.880



89, 42.400, 113.409



68, 31.906, 132.753



36, 5.379, 115.423



59, 66.361, 111.816



7, 11.485, 118.394

Inverse Universe

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



54, 30.785, 298.821



65, 46.246, 299.574



57, 32.777, 315.411



34, 5.492, 296.815



17, 89.279, 306.985



1, 11.401, 295.013

Previews

White Background



This preview shows how the CIELCh color 70, 28.732, 113.877 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, 28.732, 113.877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

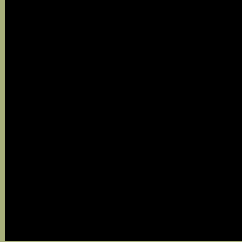
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

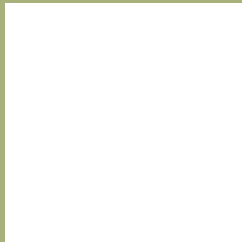
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 28.732, 113.877

Background



This preview shows how black text looks on a background with the CIELCh color 70, 28.732, 113.877.



This preview shows how white text looks on a background with the CIELCh color 70, 28.732, 113.877.

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, 28.732, 113.877

Protanopia
70, 27.630, 96.015

Deuteranopia
70, 26.933, 71.345



Tritanopia
70, 8.264, 311.829

Trichromacy



Original Color
70, 28.732, 113.877

Protanomaly
70, 27.619, 103.047

Deuteranomaly
70, 25.732, 86.657

Tritanomaly
70, 5.501, 101.563

Monochromacy



Original Color
70, 28.732, 113.877

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 10.453, 115.562

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 28.732, 113.877 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(168, 176, 123)` looks like.

```
.text, #text, p{  
    color:rgb(168, 176, 123)  
}
```

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(168, 176, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 176, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 28.732, 113.877 is called "border". The border property can be set on classes, ids or directly on the HTML element.

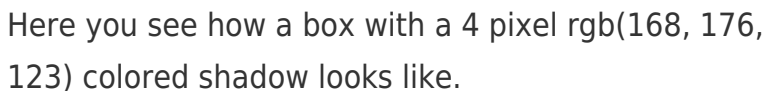
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 176, 123) }
```

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

```
.border{ border-color:rgb(168, 176, 123) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 176, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 176, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 176, 123);  
box-shadow:4px 4px 4px 4px rgb(168, 176,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 28.732, 113.877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 176, 123) }
```

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

```
.background{ background-color: rgb(168,  
176, 123) }
```

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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