

Converting Colors

CIELCh(70, 30.820, 113.254)

Have a look what the booklet for
CIELCh(70, 30.820, 113.254)
contains.

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Color

CIELCh(70, 30.820, 113.254)

Conversions

Conversions Part 1

Format	Color
Hex	A8B077
RGB	168, 176, 119
RGB Percent	66%, 69%, 47%
CMY	0.3409, 0.3095, 0.5330
CMYK	0.05, 0.00, 0.32, 0.31
HSL	68°, 27%, 58%
HSV	68°, 32%, 69%
XYZ	35.0409, 40.7494, 23.4950
YIQ	167.1100, 13.5290, -19.4230

Conversions

Conversions Part 2

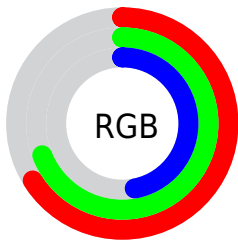
Format	Color
RYB	119, 176, 127
Decimal	11055223
CIELab	70.00, -12.17, 28.32
CIELCh	70, 30.820, 113.254
Yxy	40.7494, 0.3529, 0.4104
Android (android.graphics.Color)	4289245303 (0xFFA8B077)
YUV	167.1100, -23.7182, 0.7805
Hunter-Lab	63.8353, -13.7284, 22.8626

Details

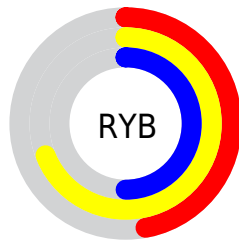
The CIELCh color **70, 30.820, 113.254** is a light color, and the websafe version is hex **999966**. A complement of this color would be **53, 33.238, 298.725**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 30.914, 113.409**, and **50, 30.913, 113.707** is the 20% darker color. If you saturate the color by 10%, you get **70, 39.951, 112.535**, and if you desaturate by 10%, it is **71, 21.430, 114.008**.

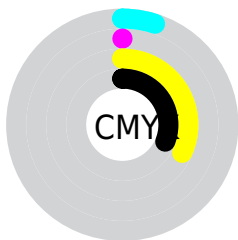
Distribution



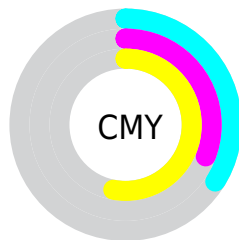
- Red (66%)
- Green (69%)
- Blue (47%)



- Red (47%)
- Yellow (69%)
- Blue (50%)



- Cyan (5%)
- Magenta (0%)
- Yellow (32%)
- Black (31%)





- Cyan (34%)
- Magenta (31%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 30.820, 113.254 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, 30.820, 113.254 by changing the saturation by 10% instead.


 70, 30.820,
113.254


 70, 30.820,
113.254


 100, 30.820,
113.254


 60, 30.820,
113.254


 90, 30.820,
113.254

 50, 30.820,
113.254

 40, 30.820,
113.254

 30, 30.820,
113.254

 20, 30.820,
113.254

 10, 30.820,
113.254

 0, 30.820, 113.254

70, 30.820,
113.254

70, 30.820,
113.254

70, 39.951,
112.535

71, 21.430,
114.008

69, 48.646,
111.876

71, 11.890,
114.764

69, 56.648,
111.326

72, 2.279, 115.506

68, 63.599,
110.947

72, 7.354, 296.236

68, 69.061,
110.816

73, 16.971,
296.930

68, 72.653,
111.001

74, 26.548,
297.591

68, 74.395,
111.311

75, 36.065,
298.216

75, 42.882,
298.933

■ 76, 42.953,
299.969

Harmonies

Complementary

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



70, 30.820, 113.254



53, 33.238, 298.725

Rectangle

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



70, 30.820, 113.254



70, 30.820, 163.254



70, 30.820, 293.254



70, 30.820, 343.254

Sweetspot

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



70, 30.821, 113.257



90, 11.922, 114.929



58, 21.548, 32.925



48, 8.124, 114.826



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, 30.821, 113.257



88, 45.747, 112.725



68, 34.126, 132.105



38, 5.504, 114.993



60, 67.057, 111.221



8, 13.469, 118.138

Inverse Universe

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



53, 33.238, 298.725



63, 50.376, 299.621



55, 35.191, 314.975



35, 5.621, 296.419



18, 90.493, 306.906



1, 13.367, 294.436

Previews

White Background



This preview shows how the CIELCh color 70, 30.820, 113.254 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, 30.820, 113.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

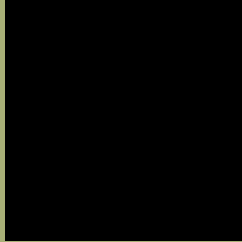
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 30.820, 113.254

Background



This preview shows how black text looks on a background with the CIELCh color 70, 30.820, 113.254.

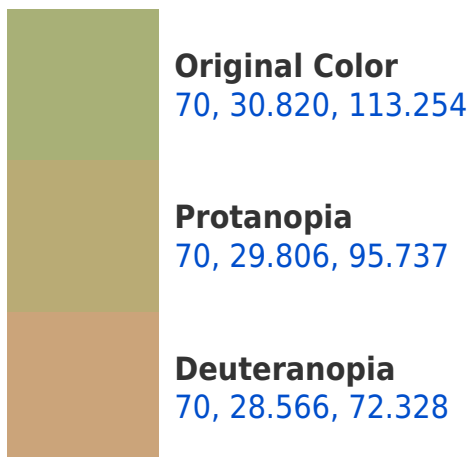



This preview shows how white text looks on a background with the CIELCh color 70, 30.820, 113.254.

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





Tritanopia
70, 7.756, 313.270

Trichromacy



Original Color
70, 30.820, 113.254

Protanomaly
70, 29.762, 102.304

Deuteranomaly
70, 27.257, 87.617

Tritanomaly
70, 7.127, 103.203

Monochromacy



Original Color
70, 30.820, 113.254

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 10.994, 115.201

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 30.820, 113.254 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(168, 176, 119)  
}
```

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, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 176, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 30.820, 113.254 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, 119) }
```

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

```
.border{ border-color:rgb(168, 176, 119) }
```

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, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 176, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 176, 119);  
box-shadow:4px 4px 4px 4px rgb(168, 176,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 30.820, 113.254 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, 119) }
```

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

```
.background{ background-color: rgb(168,  
176, 119) }
```

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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