

Converting Colors

CIELCh(70, 57.317, 125.972)

Have a look what the booklet for
CIELCh(70, 57.317, 125.972)
contains.

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Color

CIELCh(70, 57.704, 125.875)

Conversions

Conversions Part 1

Format	Color
Hex	88BA52
RGB	136, 186, 82
RGB Percent	53%, 73%, 32%
CMY	0.4683, 0.2722, 0.6799
CMYK	0.27, 0.00, 0.56, 0.27
HSL	89°, 43%, 52%
HSV	89°, 56%, 73%
XYZ	29.0691, 40.7494, 14.2398
YIQ	159.1940, 3.5840, -42.9440

Conversions

Conversions Part 2

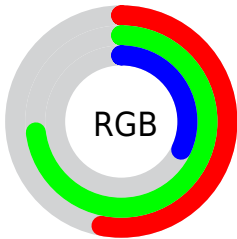
Format	Color
RYB	82, 186, 132
Decimal	8960594
CIELab	70.00, -33.82, 46.76
CIELCh	70, 57.704, 125.875
Yxy	40.7494, 0.3458, 0.4848
Android (android.graphics.Color)	4287150674 (0xFF88BA52)
YUV	159.1940, -38.0566, -20.3411
Hunter-Lab	63.8353, -30.4271, 31.4588

Details

The CIELCh color $70, 57.704, 125.875$ is a dark color, and the websafe version is hex $99CC66$. A complement of this color would be $45, 62.987, 311.313$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $90, 57.612, 125.627$, and $50, 57.407, 126.002$ is the 20% darker color. If you saturate the color by 10%, you get $69, 66.526, 125.653$, and if you desaturate by 10%, it is $71, 48.078, 126.253$.

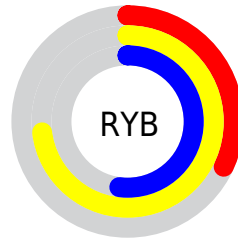
Distribution



Red (53%)

Green (73%)

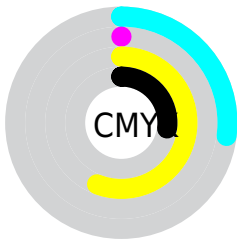
Blue (32%)



Red (32%)

Yellow (73%)

Blue (52%)

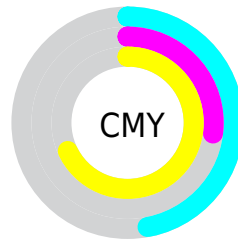


Cyan (27%)

Magenta (0%)

Yellow (56%)

Black (27%)



Cyan (47%)


Magenta (27%)


Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 57.704, 125.875 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, 57.704, 125.875 by changing the saturation by 10% instead.


 70, 57.704,
125.875


 70, 57.704,
125.875


 100, 57.704,
125.875


 60, 57.704,
125.875


 90, 57.704,
125.875

 50, 57.704,
125.875

 40, 57.704,
125.875

 30, 57.704,
125.875

 20, 57.704,
125.875

 10, 57.704,
125.875

 0, 57.704, 125.875

70, 57.704,
125.875

70, 57.704,
125.875

69, 66.526,
125.653

71, 48.078,
126.253

69, 74.139,
125.689

72, 37.950,
126.709

68, 80.093,
126.111

73, 27.531,
127.193

68, 84.092,
127.006

74, 16.969,
127.677

68, 85.396,
127.402

75, 6.366, 128.150

76, 4.208, 308.540

77, 14.700,
308.957

78, 25.075,
309.323

■ 80, 35.308,
309.652

Harmonies

Complementary

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



70, 57.704, 125.875



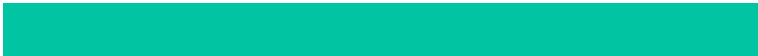
45, 62.987, 311.313

Rectangle

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



70, 57.704, 125.875



70, 57.704, 175.875



70, 57.704, 305.875



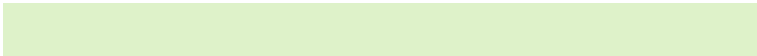
70, 57.704, 355.875

Sweetspot

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



70, 57.705, 125.876



93, 22.356, 127.617



59, 38.095, 65.161



50, 15.074, 127.520



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 57.705, 125.876



88, 83.335, 125.635



68, 66.308, 139.121



38, 5.942, 127.994



57, 74.791, 127.178



8, 16.805, 132.589

Inverse Universe

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



45, 62.987, 311.313



51, 92.884, 311.840



51, 66.002, 326.251



36, 6.026, 308.808



23, 86.490, 311.620



2, 15.906, 304.272

Previews

White Background



This preview shows how the CIELCh color 70, 57.704, 125.875 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, 57.704, 125.875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

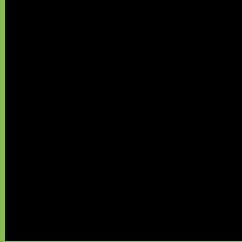
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 57.704, 125.875

Background



This preview shows how black text looks on a background with the CIELCh color 70, 57.704, 125.875.



This preview shows how white text looks on a background with the CIELCh color 70, 57.704, 125.875.

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, 11.197, 242.362

Trichromacy



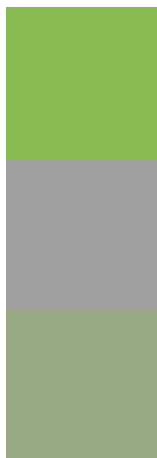
Original Color
70, 57.704, 125.875

Protanomaly
70, 50.604, 108.027

Deuteranomaly
69, 45.283, 99.426

Tritanomaly
69, 20.330, 146.720

Monochromacy



Original Color
70, 57.704, 125.875

Achromatopsia
65, 0.008, 296.813

Achromatomaly
67, 22.160, 128.058

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 57.704, 125.875 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(136, 186, 82)` looks like.

```
.text, #text, p{  
    color:rgb(136, 186, 82)  
}
```

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(136, 186, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 186, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 57.704, 125.875 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(136, 186, 82) }
```

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

```
.border{ border-color:rgb(136, 186, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 186, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 186, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 186, 82);  
box-shadow:4px 4px 4px 4px rgb(136, 186,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 57.704, 125.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 186, 82) }
```

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

```
.background{ background-color: rgb(136,  
186, 82) }
```

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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