

Converting Colors

CIELCh(70, 64.543, 124.394)

Have a look what the booklet for
CIELCh(70, 64.543, 124.394)
contains.

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Color

CIELCh(70, 64.813, 124.547)

Conversions

Conversions Part 1

Format	Color
Hex	85BB43
RGB	133, 187, 67
RGB Percent	52%, 73%, 26%
CMY	0.4798, 0.2680, 0.7386
CMYK	0.29, 0.00, 0.64, 0.27
HSL	87°, 47%, 50%
HSV	87°, 64%, 73%
XYZ	28.3149, 40.7494, 11.6294
YIQ	157.1740, 6.3360, -48.7680

Conversions

Conversions Part 2

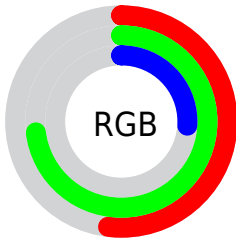
Format	Color
RYB	67, 187, 121
Decimal	8764227
CIELab	70.00, -36.75, 53.38
CIELCh	70, 64.813, 124.547
Yxy	40.7494, 0.3509, 0.5050
Android (android.graphics.Color)	4286954307 (0xFF85BB43)
YUV	157.1740, -44.4558, -21.2006
Hunter-Lab	63.8353, -32.5358, 33.8833

Details

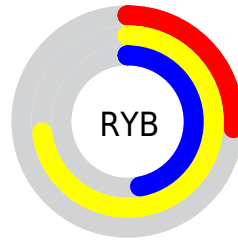
The CIELCh color **70, 64.813, 124.547** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **41, 72.401, 310.835**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 64.660, 124.488**, and **50, 64.643, 124.296** is the 20% darker color. If you saturate the color by 10%, you get **69, 72.609, 124.537**, and if you desaturate by 10%, it is **71, 55.880, 124.801**.

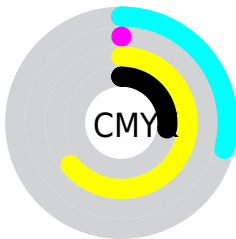
Distribution



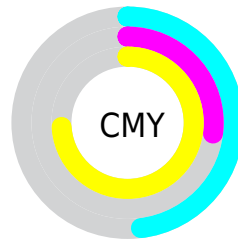
- Red (52%)
- Green (73%)
- Blue (26%)



- Red (26%)
- Yellow (73%)
- Blue (47%)



- Cyan (29%)
- Magenta (0%)
- Yellow (64%)
- Black (27%)




- Cyan (48%)
- Magenta (27%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 64.813, 124.547 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, 64.813, 124.547 by changing the saturation by 10% instead.


 70, 64.813,
124.547

 70, 64.813,
124.547


 100, 64.813,
124.547

 60, 64.813,
124.547


 90, 64.813,
124.547

 50, 64.813,
124.547

 40, 64.813,
124.547

 30, 64.813,
124.547

 20, 64.813,
124.547

 10, 64.813,
124.547

 0, 64.813, 124.547

70, 64.813,
124.547

70, 64.813,
124.547

69, 72.609,
124.537

71, 55.880,
124.801

69, 78.814,
124.891

71, 46.196,
125.197

68, 83.069,
125.716

72, 36.049,
125.664

68, 84.897,
126.308

73, 25.636,
126.157

74, 15.094,
126.649

75, 4.517, 127.134

76, 6.027, 307.538

78, 16.493,
307.956

■ 79, 26.846,
308.332

Harmonies

Complementary

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



70, 64.813, 124.547



41, 72.401, 310.835

Rectangle

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



70, 64.813, 124.547



70, 64.813, 174.547



70, 64.813, 304.547



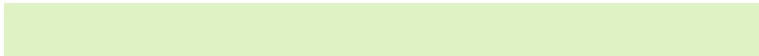
70, 64.813, 354.547

Sweetspot

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



70, 64.814, 124.548



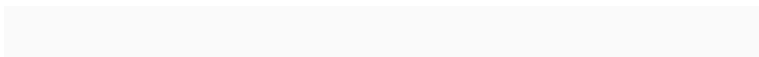
93, 24.808, 126.403



57, 44.708, 62.582



50, 17.206, 126.261



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, 64.814, 124.548



88, 91.557, 124.627



67, 74.444, 137.985



39, 6.038, 126.887



59, 74.948, 126.099



10, 18.843, 131.379

Inverse Universe

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



41, 72.401, 310.835



45, 104.935, 311.301



49, 73.910, 325.999



37, 6.128, 307.735



23, 88.113, 310.955



2, 17.942, 303.324

Previews

White Background



This preview shows how the CIELCh color 70, 64.813, 124.547 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, 64.813, 124.547 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, 64.813, 124.547

Background



This preview shows how black text looks on a background with the CIELCh color 70, 64.813, 124.547.



This preview shows how white text looks on a background with the CIELCh color 70, 64.813, 124.547.

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](#).

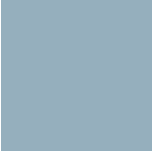
Dichromacy



Original Color
70, 64.813, 124.547

Protanopia
70, 56.663, 95.778

Deuteranopia
70, 52.265, 80.210



Tritanopia
70, 11.680, 240.079

Trichromacy



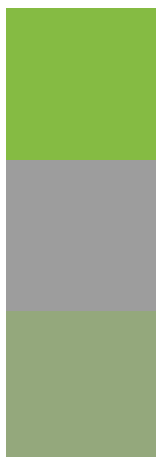
Original Color
70, 64.813, 124.547

Protanomaly
70, 57.648, 107.892

Deuteranomaly
69, 52.329, 98.969

Tritanomaly
70, 23.209, 144.675

Monochromacy



Original Color
70, 64.813, 124.547

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 25.389, 126.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 64.813, 124.547 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(133, 187, 67)` looks like.

```
.text, #text, p{  
    color:rgb(133, 187, 67)  
}
```

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(133, 187, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 187, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 64.813, 124.547 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(133, 187, 67) }
```

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

```
.border{ border-color:rgb(133, 187, 67) }
```

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

Here you see how a box with a 4 pixel rgb(133, 187, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 187, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 187, 67);  
box-shadow:4px 4px 4px 4px rgb(133, 187,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 64.813, 124.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 187, 67) }
```

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

```
.background{ background-color: rgb(133,  
187, 67) }
```

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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