

Converting Colors

CIELCh(76, 54.247, 120.762)

Have a look what the booklet for
CIELCh(76, 54.247, 120.762)
contains.

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Color

CIELCh(76, 53.853, 120.483)

Conversions

Conversions Part 1

Format	Color
Hex	A5C762
RGB	165, 199, 98
RGB Percent	65%, 78%, 38%
CMY	0.3519, 0.2185, 0.6147
CMYK	0.17, 0.00, 0.51, 0.22
HSL	80°, 48%, 58%
HSV	80°, 51%, 78%
XYZ	38.2763, 49.8872, 19.2300
YIQ	177.3200, 12.1570, -38.6190

Conversions

Conversions Part 2

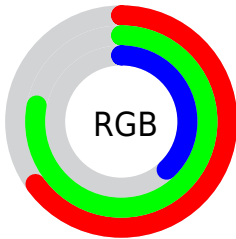
Format	Color
RYB	98, 199, 132
Decimal	10864482
CIELab	76.00, -27.32, 46.41
CIELCh	76, 53.853, 120.483
Yxy	49.8872, 0.3564, 0.4645
Android (android.graphics.Color)	4289054562 (0xFFA5C762)
YUV	177.3200, -39.1048, -10.8046
Hunter-Lab	70.6309, -26.8713, 33.2993

Details

The CIELCh color **76, 53.853, 120.483** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **49, 59.863, 306.716**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 53.353, 120.139**, and **56, 53.721, 120.457** is the 20% darker color. If you saturate the color by 10%, you get **75, 63.239, 120.135**, and if you desaturate by 10%, it is **77, 43.776, 120.956**.

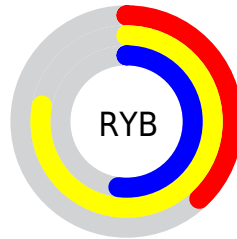
Distribution



Red (65%)

Green (78%)

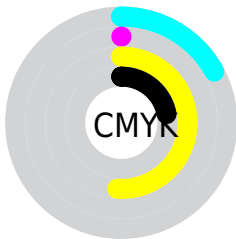
Blue (38%)



Red (38%)

Yellow (78%)

Blue (52%)

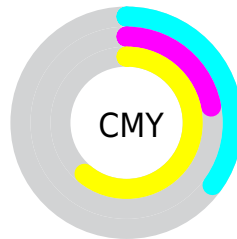


Cyan (17%)

Magenta (0%)

Yellow (51%)

Black (22%)



Cyan (35%)

Magenta (22%)


Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 53.853, 120.483 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 76, 53.853, 120.483 by changing the saturation by 10% instead.


 76, 53.853,
120.483


 76, 53.853,
120.483


 100, 53.853,
120.483


 66, 53.853,
120.483

 96, 53.853,
120.483

 56, 53.853,
120.483

 46, 53.853,
120.483

 36, 53.853,
120.483

 26, 53.853,
120.483

 16, 53.853,
120.483

 6, 53.853, 120.483

0, 53.853, 120.483

76, 53.853,
120.483

76, 53.853,
120.483

75, 63.239,
120.135

77, 43.776,
120.956

75, 71.551,
119.991

77, 33.271,
121.490

74, 78.320,
120.164

78, 22.523,
122.047

74, 83.105,
120.765

79, 11.653,
122.603

73, 85.915,
121.680

80, 0.746, 123.216

81, 10.139,
303.637

■ 82, 20.960,
304.117

■ 84, 30.316,
305.066

■ 84, 30.866,
309.201

Harmonies

Complementary

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



76, 53.853, 120.483



49, 59.863, 306.716

Rectangle

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



76, 53.853, 120.483



76, 53.853, 170.483



76, 53.853, 300.483



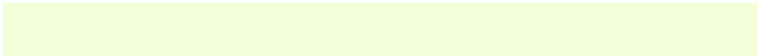
76, 53.853, 350.483

Sweetspot

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



76, 53.854, 120.485



98, 19.964, 122.352



61, 36.303, 52.307



52, 13.616, 122.233



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 53.854, 120.485



94, 77.417, 120.105



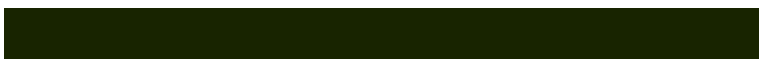
73, 61.818, 136.687



42, 6.170, 122.675



61, 73.964, 121.458



12, 21.597, 124.531

Inverse Universe

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



49, 59.863, 306.716



55, 88.654, 307.633



55, 62.709, 321.973



39, 6.280, 303.685



22, 92.285, 308.925



2, 21.880, 300.612

Previews

White Background



This preview shows how the CIELCh color 76, 53.853, 120.483 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 CIE LCh color 76, 53.853, 120.483 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 76, 53.853, 120.483

Background



This preview shows how black text looks on a background with the CIELCh color 76, 53.853, 120.483.



This preview shows how white text looks on a background with the CIELCh color 76, 53.853, 120.483.

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
76, 8.616, 269.274

Trichromacy



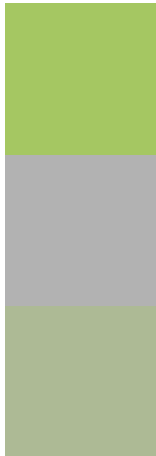
Original Color
76, 53.853, 120.483

Protanomaly
76, 49.222, 104.999

Deuteranomaly
75, 44.895, 95.436

Tritanomaly
76, 16.060, 134.072

Monochromacy



Original Color
76, 53.853, 120.483

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 20.530, 122.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 53.853, 120.483 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, 199, 98)` looks like.

```
.text, #text, p{  
    color:rgb(165, 199, 98)  
}
```

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, 199, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 199, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 53.853, 120.483 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, 199, 98) }
```

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

```
.border{ border-color:rgb(165, 199, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 199, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 199, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 199, 98);  
box-shadow:4px 4px 4px 4px rgb(165, 199,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 53.853, 120.483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 199, 98) }
```

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

```
.background{ background-color: rgb(165,  
199, 98) }
```

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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