

Converting Colors

CIELCh(76, 44.132, 118.710)

Have a look what the booklet for
CIELCh(76, 44.132, 118.710)
contains.

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Color

CIELCh(76, 44.429, 118.942)

Conversions

Conversions Part 1

Format	Color
Hex	ADC572
RGB	173, 197, 114
RGB Percent	68%, 77%, 45%
CMY	0.3225, 0.2284, 0.5538
CMYK	0.12, 0.00, 0.42, 0.23
HSL	77°, 42%, 61%
HSV	77°, 42%, 77%
XYZ	40.1145, 49.8872, 23.3664
YIQ	180.3620, 12.3390, -30.9010

Conversions

Conversions Part 2

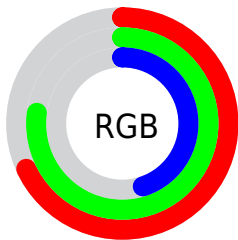
Format	Color
RYB	114, 197, 138
Decimal	11388274
CIELab	76.00, -21.50, 38.88
CIELCh	76, 44.429, 118.942
Yxy	49.8872, 0.3538, 0.4400
Android (android.graphics.Color)	4289578354 (0xFFADC572)
YUV	180.3620, -32.7165, -6.4565
Hunter-Lab	70.6309, -22.2259, 29.8270

Details

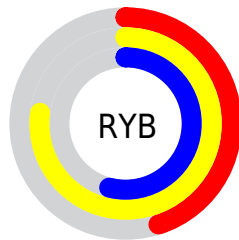
The CIELCh color **76, 44.429, 118.942** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **53, 48.640, 304.531**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 44.598, 118.808**, and **56, 44.236, 118.992** is the 20% darker color. If you saturate the color by 10%, you get **75, 54.207, 118.451**, and if you desaturate by 10%, it is **77, 34.193, 119.507**.

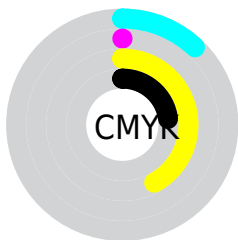
Distribution



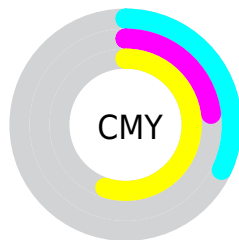
- Red (68%)
- Green (77%)
- Blue (45%)



- Red (45%)
- Yellow (77%)
- Blue (54%)



- Cyan (12%)
- Magenta (0%)
- Yellow (42%)
- Black (23%)





- Cyan (32%)
- Magenta (23%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 44.429, 118.942 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, 44.429, 118.942 by changing the saturation by 10% instead.


 76, 44.429,
118.942

 76, 44.429,
118.942

 100, 44.429,
118.942

 66, 44.429,
118.942


 96, 44.429,
118.942

 56, 44.429,
118.942

 46, 44.429,
118.942

 36, 44.429,
118.942

 26, 44.429,
118.942

 16, 44.429,
118.942

 6, 44.429, 118.942

■ 0, 44.429, 118.942

■ 76, 44.429,
118.942

■ 76, 44.429,
118.942

■ 75, 54.207,
118.451

■ 77, 34.193,
119.507

■ 75, 63.242,
118.087

■ 77, 23.684,
120.100

■ 74, 71.143,
117.938

■ 78, 13.031,
120.696

■ 74, 77.435,
118.110

■ 79, 2.322, 121.292

■ 73, 81.705,
118.703

■ 80, 8.384, 301.824

■ 73, 83.849,
119.415

■ 81, 19.046,
302.352

■ 82, 29.631,

302.845

■ 83, 31.807,
305.714

■ 83, 32.274,
309.057

Harmonies

Complementary

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



76, 44.429, 118.942



53, 48.640, 304.531

Rectangle

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



76, 44.429, 118.942



76, 44.429, 168.942



76, 44.429, 298.942



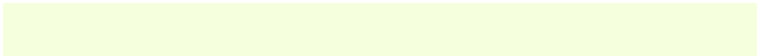
76, 44.429, 348.942

Sweetspot

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



76, 44.430, 118.944



99, 17.171, 120.635



63, 29.395, 47.594



52, 12.012, 120.502



0, 0.000, 0.000



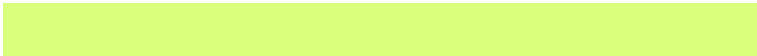
53, 0.007, 296.813

Same Dimension

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



76, 44.430, 118.944



95, 65.442, 118.468



73, 50.631, 135.995



42, 6.123, 120.861



62, 72.902, 119.223



12, 21.281, 122.231

Inverse Universe

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



53, 48.640, 304.531



61, 73.539, 305.436



58, 51.642, 320.119



39, 6.240, 301.958



21, 93.060, 308.272



2, 21.792, 299.315

Previews

White Background



This preview shows how the CIELCh color 76, 44.429, 118.942 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 76, 44.429, 118.942 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, 44.429, 118.942

Background



This preview shows how black text looks on a background with the CIELCh color 76, 44.429, 118.942.



This preview shows how white text looks on a background with the CIELCh color 76, 44.429, 118.942.

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](#).

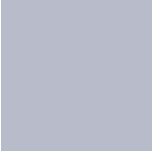
Dichromacy



Original Color
76, 44.429, 118.942

Protanopia
76, 41.339, 95.589

Deuteranopia
76, 38.720, 75.727



Tritanopia
76, 7.598, 282.780

Trichromacy



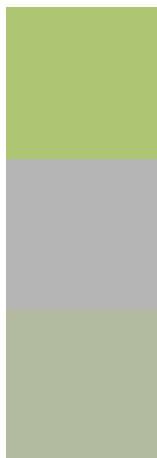
Original Color
76, 44.429, 118.942

Protanomaly
76, 41.932, 105.042

Deuteranomaly
76, 37.830, 92.365

Tritanomaly
76, 12.537, 128.569

Monochromacy



Original Color
76, 44.429, 118.942

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 16.510, 120.886

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 44.429, 118.942 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(173, 197, 114)` looks like.

```
.text, #text, p{  
    color:rgb(173, 197, 114)  
}
```

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(173, 197, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 197, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 44.429, 118.942 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(173, 197, 114) }
```

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

```
.border{ border-color:rgb(173, 197, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 197, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 197, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 197, 114);  
box-shadow:4px 4px 4px 4px rgb(173, 197,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 44.429, 118.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 197, 114) }
```

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

```
.background{ background-color: rgb(173,  
197, 114) }
```

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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