

Converting Colors

CIELCh(76, 40.755, 126.135)

Have a look what the booklet for
CIELCh(76, 40.755, 126.135)
contains.

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Color

CIELCh(76, 40.759, 126.110)

Conversions

Conversions Part 1

Format	Color
Hex	A4C67D
RGB	164, 198, 125
RGB Percent	64%, 78%, 49%
CMY	0.3560, 0.2227, 0.5090
CMYK	0.17, 0.00, 0.37, 0.22
HSL	88°, 39%, 63%
HSV	88°, 37%, 78%
XYZ	39.3111, 49.8872, 27.0267
YIQ	179.5120, 3.1690, -29.9110

Conversions

Conversions Part 2

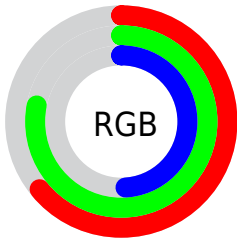
Format	Color
RYB	125, 198, 159
Decimal	10798717
CIELab	76.00, -24.02, 32.93
CIElCh	76, 40.759, 126.110
Yxy	49.8872, 0.3382, 0.4292
Android (android.graphics.Color)	4288988797 (0xFFA4C67D)
YUV	179.5120, -26.8744, -13.6040
Hunter-Lab	70.6309, -24.2561, 26.7545

Details

The CIELCh color **76, 40.759, 126.110** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58, 43.138, 309.780**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 41.021, 126.000**, and **56, 40.626, 126.119** is the 20% darker color. If you saturate the color by 10%, you get **75, 51.357, 125.659**, and if you desaturate by 10%, it is **77, 29.837, 126.600**.

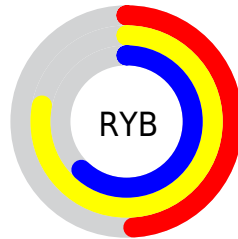
Distribution



Red (64%)

Green (78%)

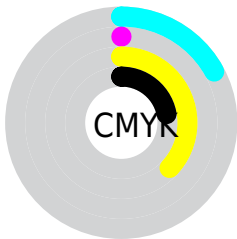
Blue (49%)



Red (49%)

Yellow (78%)

Blue (62%)

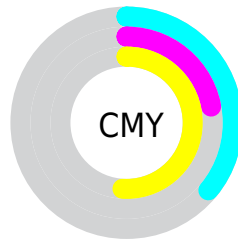


Cyan (17%)

Magenta (0%)

Yellow (37%)

Black (22%)



Cyan (36%)


Magenta (22%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 40.759, 126.110 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, 40.759, 126.110 by changing the saturation by 10% instead.


 76, 40.759,
126.110


 76, 40.759,
126.110


 100, 40.759,
126.110


 66, 40.759,
126.110


 96, 40.759,
126.110

 56, 40.759,
126.110

 46, 40.759,
126.110

 36, 40.759,
126.110

 26, 40.759,
126.110

 16, 40.759,
126.110

 6, 40.759, 126.110

■ 0, 40.759, 126.110

■ 76, 40.759,
126.110

■ 76, 40.759,
126.110

■ 75, 51.357,
125.659

■ 77, 29.837,
126.600

■ 74, 61.393,
125.293

■ 78, 18.747,
127.091

■ 74, 70.535,
125.094

■ 79, 7.601, 127.571

■ 73, 78.344,
125.172

■ 80, 3.523, 307.970

■ 73, 84.345,
125.653

■ 82, 14.569,
308.403

■ 72, 88.277,
126.614

■ 83, 25.500,
308.781

■ 84, 31.841,

■ 72, 89.308,
126.946

311.447

■ 85, 32.944,
316.746

■ 86, 34.302,
321.749

Harmonies

Complementary

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



76, 40.759, 126.110



58, 43.138, 309.780

Rectangle

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



76, 40.759, 126.110



76, 40.759, 176.110



76, 40.759, 306.110



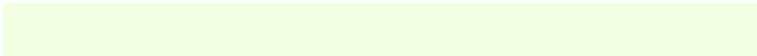
76, 40.759, 356.110

Sweetspot

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



76, 40.761, 126.112



98, 15.021, 127.364



68, 25.063, 65.618



52, 10.095, 127.298



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, 40.761, 126.112



94, 59.337, 125.752



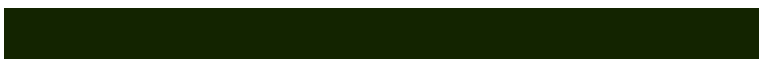
74, 47.033, 140.593



41, 6.327, 127.449



60, 77.144, 126.711



12, 22.588, 130.118

Inverse Universe

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



58, 43.138, 309.780



68, 63.675, 310.238



62, 47.141, 324.948



39, 6.420, 308.287



24, 89.924, 311.251



2, 22.237, 304.706

Previews

White Background



This preview shows how the CIELCh color 76, 40.759, 126.110 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, 40.759, 126.110 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, 40.759, 126.110

Background



This preview shows how black text looks on a background with the CIELCh color 76, 40.759, 126.110.



This preview shows how white text looks on a background with the CIELCh color 76, 40.759, 126.110.

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](#).

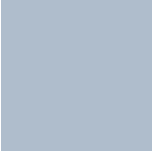
Dichromacy



Original Color
76, 40.759, 126.110

Protanopia
76, 35.652, 95.956

Deuteranopia
76, 32.936, 73.331



Tritanopia
76, 9.347, 259.243

Trichromacy



Original Color
76, 40.759, 126.110

Protanomaly
76, 35.884, 108.091

Deuteranomaly
76, 31.609, 95.048

Tritanomaly
76, 12.098, 149.513

Monochromacy



Original Color
76, 40.759, 126.110

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 15.387, 127.774

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 40.759, 126.110 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(164, 198, 125)` looks like.

```
.text, #text, p{  
    color:rgb(164, 198, 125)  
}
```

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(164, 198, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 198, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 40.759, 126.110 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(164, 198, 125) }
```

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

```
.border{ border-color:rgb(164, 198, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 198, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 198, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 198, 125);  
box-shadow:4px 4px 4px 4px rgb(164, 198,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 40.759, 126.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 198, 125) }
```

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

```
.background{ background-color: rgb(164,  
198, 125) }
```

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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