

Converting Colors

CIELCh(77, 46.034, 125.710)

Have a look what the booklet for
CIELCh(77, 46.034, 125.710)
contains.

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Color

CIELCh(77, 45.926, 125.618)

Conversions

Conversions Part 1

Format	Color
Hex	A4CA77
RGB	164, 202, 119
RGB Percent	64%, 79%, 47%
CMY	0.3564, 0.2074, 0.5329
CMYK	0.19, 0.00, 0.41, 0.21
HSL	87°, 44%, 63%
HSV	87°, 41%, 79%
XYZ	39.8150, 51.5317, 25.3337
YIQ	181.1760, 3.9950, -33.8690

Conversions

Conversions Part 2

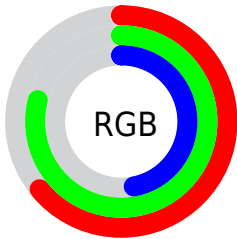
Format	Color
RYB	119, 202, 157
Decimal	10799735
CIELab	77.00, -26.75, 37.33
CIELCh	77, 45.926, 125.618
Yxy	51.5317, 0.3412, 0.4416
Android (android.graphics.Color)	4288989815 (0xFFA4CA77)
YUV	181.1760, -30.6528, -15.0634
Hunter-Lab	71.7856, -26.6221, 29.3260

Details

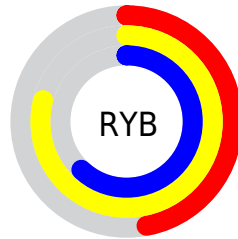
The CIELCh color **77, 45.926, 125.618** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **57, 49.030, 309.779**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 43.826, 124.657**, and **57, 45.827, 125.542** is the 20% darker color. If you saturate the color by 10%, you get **76, 56.458, 125.195**, and if you desaturate by 10%, it is **78, 34.973, 126.099**.

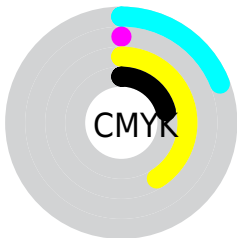
Distribution



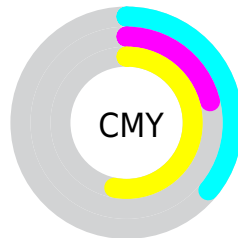
- Red (64%)
- Green (79%)
- Blue (47%)



- Red (47%)
- Yellow (79%)
- Blue (62%)



- Cyan (19%)
- Magenta (0%)
- Yellow (41%)
- Black (21%)



- Cyan (36%)
- Magenta (21%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 45.926, 125.618 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 77, 45.926, 125.618 by changing the saturation by 10% instead.

 77, 45.926,
125.618

 77, 45.926,
125.618

 100, 45.926,
125.618


 67, 45.926,
125.618

 97, 45.926,
125.618

 57, 45.926,
125.618

 47, 45.926,
125.618

 37, 45.926,
125.618

 27, 45.926,
125.618

 17, 45.926,
125.618

 7, 45.926, 125.618

0, 45.926, 125.618

77, 45.926,
125.618

77, 45.926,
125.618

76, 56.458,
125.195

78, 34.973,
126.099

75, 66.285,
124.890

79, 23.785,
126.595

75, 75.022,
124.797

80, 12.496,
127.083

74, 82.191,
125.036

81, 1.197, 127.623

74, 87.349,
125.727

83, 10.047,
307.954

73, 90.398,
126.682

84, 21.191,
308.354

■ 85, 29.419,
310.262

■ 86, 30.499,
316.021

■ 87, 31.859,
321.431

Harmonies

Complementary

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



77, 45.926, 125.618



57, 49.030, 309.779

Rectangle

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



77, 45.926, 125.618



77, 45.926, 175.618



77, 45.926, 305.618



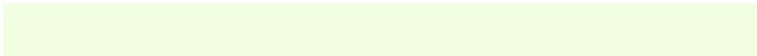
77, 45.926, 355.618

Sweetspot

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



77, 45.928, 125.619



98, 16.361, 127.030



68, 28.733, 65.139



52, 10.853, 126.966



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 45.928, 125.619



94, 65.545, 125.249



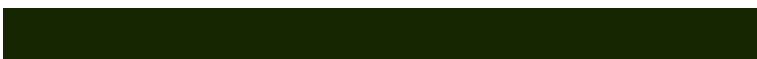
75, 53.085, 140.211



43, 6.450, 127.163



61, 77.843, 126.446



13, 24.176, 128.848

Inverse Universe

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



57, 49.030, 309.779



65, 71.098, 310.289



61, 53.178, 325.145



40, 6.545, 308.012



25, 91.122, 311.072



2, 24.356, 305.112

Previews

White Background



This preview shows how the CIELCh color 77, 45.926, 125.618 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 77, 45.926, 125.618 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 77, 45.926, 125.618

Background



This preview shows how black text looks on a background with the CIELCh color 77, 45.926, 125.618.



This preview shows how white text looks on a background with the CIELCh color 77, 45.926, 125.618.

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](#).

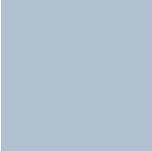
Dichromacy



Original Color
77, 45.926, 125.618

Protanopia
77, 40.660, 96.183

Deuteranopia
77, 36.800, 74.428



Tritanopia
77, 9.499, 257.423

Trichromacy



Original Color
77, 45.926, 125.618

Protanomaly
77, 40.855, 108.092

Deuteranomaly
77, 36.096, 96.092

Tritanomaly
77, 14.447, 147.291

Monochromacy



Original Color
77, 45.926, 125.618

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 17.514, 126.601

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 45.926, 125.618 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, 202, 119)` looks like.

```
.text, #text, p{  
    color:rgb(164, 202, 119)  
}
```

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, 202, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 202, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 45.926, 125.618 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, 202, 119) }
```

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

```
.border{ border-color:rgb(164, 202, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 202, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 202, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 202, 119);  
box-shadow:4px 4px 4px 4px rgb(164, 202,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 45.926, 125.618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 202, 119) }
```

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

```
.background{ background-color: rgb(164,  
202, 119) }
```

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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