

Converting Colors

CIELCh(77, 52.466, 125.905)

Have a look what the booklet for
CIELCh(77, 52.466, 125.905)
contains.

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Color

CIELCh(77, 52.390, 125.956)

Conversions

Conversions Part 1

Format	Color
Hex	9FCC6D
RGB	159, 204, 109
RGB Percent	62%, 80%, 43%
CMY	0.3773, 0.2008, 0.5733
CMYK	0.22, 0.00, 0.47, 0.20
HSL	88°, 48%, 61%
HSV	88°, 47%, 80%
XYZ	38.5467, 51.5317, 22.3264
YIQ	179.7150, 3.6750, -39.0850

Conversions

Conversions Part 2

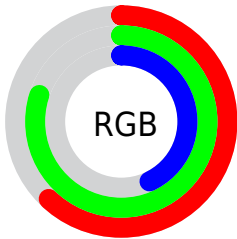
Format	Color
RYB	109, 204, 154
Decimal	10472557
CIELab	77.00, -30.76, 42.41
CIELCh	77, 52.390, 125.956
Yxy	51.5317, 0.3429, 0.4584
Android (android.graphics.Color)	4288662637 (0xFF9FCC6D)
YUV	179.7150, -34.8625, -18.1671
Hunter-Lab	71.7856, -29.7757, 31.8099

Details

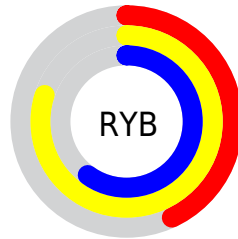
The CIELCh color **77, 52.390, 125.956** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **54, 56.351, 310.605**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 49.078, 124.778**, and **57, 52.783, 126.052** is the 20% darker color. If you saturate the color by 10%, you get **76, 62.691, 125.589**, and if you desaturate by 10%, it is **78, 41.521, 126.411**.

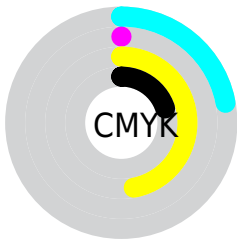
Distribution



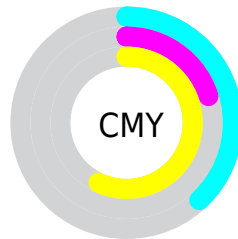
- Red (62%)
- Green (80%)
- Blue (43%)



- Red (43%)
- Yellow (80%)
- Blue (60%)



- Cyan (22%)
- Magenta (0%)
- Yellow (47%)
- Black (20%)





- Cyan (38%)
- Magenta (20%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 52.390, 125.956 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, 52.390, 125.956 by changing the saturation by 10% instead.


 77, 52.390,
125.956

 77, 52.390,
125.956


 100, 52.390,
125.956


 67, 52.390,
125.956


 97, 52.390,
125.956

 57, 52.390,
125.956

 47, 52.390,
125.956

 37, 52.390,
125.956

 27, 52.390,
125.956

 17, 52.390,
125.956

 7, 52.390, 125.956

0, 52.390, 125.956

77, 52.390,
125.956

77, 52.390,
125.956

76, 62.691,
125.589

78, 41.521,
126.411

75, 72.080,
125.386

79, 30.320,
126.899

75, 80.108,
125.459

80, 18.951,
127.389

74, 86.286,
125.936

81, 7.530, 127.867

74, 90.331,
126.897

82, 3.865, 308.263

74, 91.444,
127.259

84, 15.178,
308.691

85, 26.368,

309.064

■ 86, 29.177,
314.321

■ 87, 30.531,
320.253

Harmonies

Complementary

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



77, 52.390, 125.956



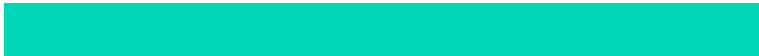
54, 56.351, 310.605

Rectangle

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



77, 52.390, 125.956



77, 52.390, 175.956



77, 52.390, 305.956



77, 52.390, 355.956

Sweetspot

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



77, 52.391, 125.957



98, 19.159, 127.506



67, 33.440, 66.227



52, 13.228, 127.400



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, 52.391, 125.957



93, 74.374, 125.585



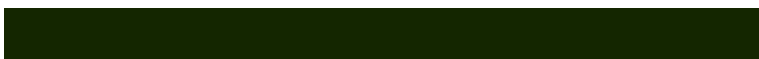
75, 60.541, 140.046



42, 6.472, 127.734



61, 78.250, 127.015



13, 24.310, 129.464

Inverse Universe

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



54, 56.351, 310.605



60, 81.469, 311.157



60, 60.477, 325.887



40, 6.565, 308.567



25, 90.816, 311.408



2, 24.423, 305.680

Previews

White Background



This preview shows how the CIELCh color 77, 52.390, 125.956 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, 52.390, 125.956 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, 52.390, 125.956

Background



This preview shows how black text looks on a background with the CIELCh color 77, 52.390, 125.956.



This preview shows how white text looks on a background with the CIELCh color 77, 52.390, 125.956.

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](#).

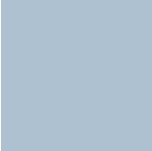
Dichromacy



Original Color
77, 52.390, 125.956

Protanopia
77, 45.650, 96.185

Deuteranopia
77, 41.869, 76.540



Tritanopia
77, 10.482, 249.488

Trichromacy



Original Color
77, 52.390, 125.956

Protanomaly
77, 46.273, 108.450

Deuteranomaly
76, 41.033, 97.393

Tritanomaly
77, 17.301, 147.516

Monochromacy



Original Color
77, 52.390, 125.956

Achromatopsia
73, 0.009, 296.813

Achromatomaly
75, 19.928, 127.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 52.390, 125.956 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(159, 204, 109)` looks like.

```
.text, #text, p{  
    color:rgb(159, 204, 109)  
}
```

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(159, 204, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 204, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 52.390, 125.956 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(159, 204, 109) }
```

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

```
.border{ border-color:rgb(159, 204, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 204, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 204, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 204, 109); box-shadow:4px 4px 4px 4px rgb(159, 204, 109) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 52.390, 125.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 204, 109) }
```

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

```
.background{ background-color: rgb(159,  
204, 109) }
```

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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