

Converting Colors

CIELCh(79, 77.023, 122.859)

Have a look what the booklet for
CIELCh(79, 77.023, 122.859)
contains.

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Color

CIELCh(79, 77.078, 123.001)

Conversions

Conversions Part 1

Format	Color
Hex	98D63F
RGB	152, 214, 63
RGB Percent	60%, 84%, 25%
CMY	0.4052, 0.1620, 0.7542
CMYK	0.29, 0.00, 0.71, 0.16
HSL	85°, 65%, 54%
HSV	85°, 71%, 84%
XYZ	37.7405, 54.9284, 13.2666
YIQ	178.2480, 11.5190, -60.1050

Conversions

Conversions Part 2

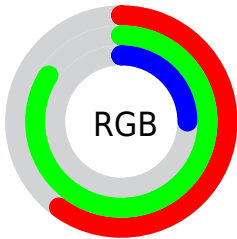
Format	Color
RYB	63, 214, 125
Decimal	10016319
CIELab	79.00, -41.98, 64.64
CIElCh	79, 77.078, 123.001
Yxy	54.9284, 0.3563, 0.5185
Android (android.graphics.Color)	4288206399 (0xFF98D63F)
YUV	178.2480, -56.8173, -23.0195
Hunter-Lab	74.1137, -38.8025, 41.2665

Details

The CIELCh color **79, 77.078, 123.001** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **42, 88.403, 310.106**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 68.733, 120.112**, and **59, 74.099, 124.262** is the 20% darker color. If you saturate the color by 10%, you get **78, 84.441, 123.234**, and if you desaturate by 10%, it is **80, 68.074, 123.103**.

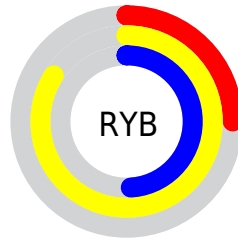
Distribution



Red (60%)

Green (84%)

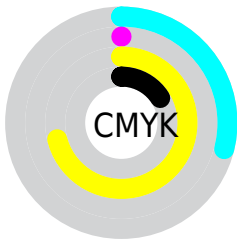
Blue (25%)



Red (25%)

Yellow (84%)

Blue (49%)

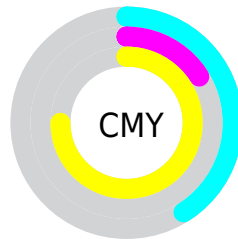


Cyan (29%)

Magenta (0%)

Yellow (71%)

Black (16%)



Cyan (41%)


Magenta (16%)


Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 77.078, 123.001 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 79, 77.078, 123.001 by changing the saturation by 10% instead.


 79, 77.078,
123.001

 79, 77.078,
123.001


 100, 77.078,
123.001


 69, 77.078,
123.001


 99, 77.078,
123.001

 59, 77.078,
123.001

 49, 77.078,
123.001

 39, 77.078,
123.001

 29, 77.078,
123.001

 19, 77.078,
123.001

 9, 77.078, 123.001

■ 0, 77.078, 123.001

■ 79, 77.078,
123.001

■ 79, 77.078,
123.001

■ 78, 84.441,
123.234

■ 80, 68.074,
123.103

■ 78, 89.698,
123.916

■ 80, 57.931,
123.418

■ 77, 92.816,
124.933

■ 81, 47.054,
123.854

■ 82, 35.732,
124.350

■ 83, 24.162,
124.865

■ 84, 12.479,
125.376

■ 85, 0.775, 125.974

■ 87, 10.884,
306.302

■ 88, 22.453,
306.730

Harmonies

Complementary

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



79, 77.078, 123.001



42, 88.403, 310.106

Rectangle

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



79, 77.078, 123.001



79, 77.078, 173.001



79, 77.078, 303.001



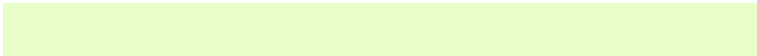
79, 77.078, 353.001

Sweetspot

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



79, 77.079, 123.002



97, 28.328, 124.837



61, 56.060, 57.239



52, 19.161, 124.693



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 77.079, 123.002



92, 99.930, 123.526



76, 88.141, 136.539



45, 6.649, 125.439



63, 78.400, 124.681



15, 26.963, 125.521

Inverse Universe

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



42, 88.403, 310.106



43, 118.067, 310.438



52, 87.794, 324.551



42, 6.756, 306.347



24, 94.130, 310.121



3, 28.477, 305.086

Previews

White Background



This preview shows how the CIELCh color 79, 77.078, 123.001 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 79, 77.078, 123.001 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 79, 77.078, 123.001

Background



This preview shows how black text looks on a background with the CIELCh color 79, 77.078, 123.001.

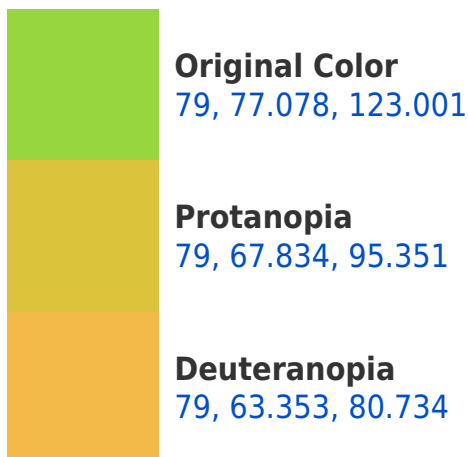


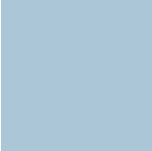
This preview shows how white text looks on a background with the CIELCh color 79, 77.078, 123.001.

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
79, 12.611, 241.797

Trichromacy



Original Color
79, 77.078, 123.001

Protanomaly
78, 68.962, 106.795

Deuteranomaly
78, 63.194, 98.359

Tritanomaly
78, 27.926, 140.742

Monochromacy



Original Color
79, 77.078, 123.001

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 30.703, 124.743

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 77.078, 123.001 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(152, 214, 63)` looks like.

```
.text, #text, p{  
    color:rgb(152, 214, 63)  
}
```

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(152, 214, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 214, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 77.078, 123.001 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(152, 214, 63) }
```

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

```
.border{ border-color:rgb(152, 214, 63) }
```

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

Here you see how a box with a 4 pixel rgb(152, 214, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 214, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 214, 63);  
box-shadow:4px 4px 4px 4px rgb(152, 214,  
63) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 77.078, 123.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 214, 63) }
```

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

```
.background{ background-color: rgb(152,  
214, 63) }
```

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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