

Converting Colors

CIELCh(81, 76.587, 124.977)

Have a look what the booklet for
CIELCh(81, 76.587, 124.977)
contains.

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Color

CIELCh(81, 76.589, 124.975)

Conversions

Conversions Part 1

Format	Color
Hex	98DC49
RGB	152, 220, 73
RGB Percent	60%, 86%, 29%
CMY	0.4031, 0.1364, 0.7129
CMYK	0.31, 0.00, 0.67, 0.14
HSL	88°, 68%, 58%
HSV	88°, 67%, 86%
XYZ	39.8423, 58.4711, 15.5246
YIQ	182.9100, 6.6590, -60.1330

Conversions

Conversions Part 2

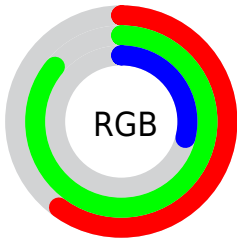
Format	Color
RYB	73, 220, 141
Decimal	10017865
CIELab	81.00, -43.90, 62.76
CIELCh	81, 76.589, 124.975
Yxy	58.4711, 0.3500, 0.5136
Android (android.graphics.Color)	4288207945 (0xFF98DC49)
YUV	182.9100, -54.1856, -27.1081
Hunter-Lab	76.4664, -40.8101, 41.4891

Details

The CIELCh color **81, 76.589, 124.975** 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 **47, 85.754, 311.317**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 64.899, 121.211**, and **61, 76.289, 125.030** is the 20% darker color. If you saturate the color by 10%, you get **80, 85.016, 125.069**, and if you desaturate by 10%, it is **82, 66.683, 125.169**.

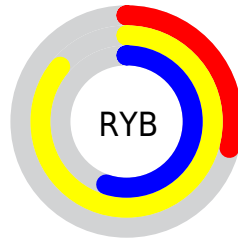
Distribution



Red (60%)

Green (86%)

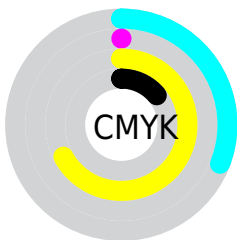
Blue (29%)



Red (29%)

Yellow (86%)

Blue (55%)

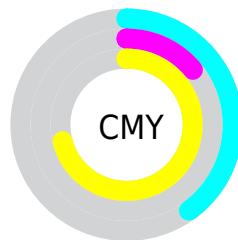


Cyan (31%)

Magenta (0%)

Yellow (67%)

Black (14%)



Cyan (40%)

Magenta (14%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 76.589, 124.975 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 81, 76.589, 124.975 by changing the saturation by 10% instead.

■ 81, 76.589,
124.975

■ 81, 76.589,
124.975

■ 100, 76.589,
124.975

■ 71, 76.589,
124.975

■ 61, 76.589,
124.975

■ 51, 76.589,
124.975

■ 41, 76.589,
124.975

■ 31, 76.589,
124.975

■ 21, 76.589,
124.975

■ 11, 76.589,

124.975

■ 1, 76.589, 124.975

■ 0, 76.589, 124.975

■ 81, 76.589,
124.975

■ 81, 76.589,
124.975

■ 80, 85.016,
125.069

■ 82, 66.683,
125.169

■ 80, 91.440,
125.576

■ 83, 55.783,
125.533

■ 79, 95.570,
126.577

■ 84, 44.261,
125.988

■ 79, 96.633,
126.943


■ 85, 32.377,
126.480


■ 86, 20.307,

126.975

 87, 8.176, 127.460

 88, 3.932, 307.865

 90, 15.956,
308.300

 91, 19.925,
315.684

Harmonies

Complementary

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



81, 76.589, 124.975



47, 85.754, 311.317

Rectangle

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



81, 76.589, 124.975



81, 76.589, 174.975



81, 76.589, 304.975



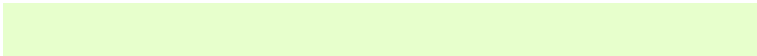
81, 76.589, 354.975

Sweetspot

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



81, 76.590, 124.976



97, 27.297, 126.807



65, 53.447, 62.213



51, 18.616, 126.667



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 76.590, 124.976



91, 98.073, 125.211



78, 87.489, 137.680



46, 6.853, 127.331



64, 80.650, 126.676



16, 28.957, 127.044

Inverse Universe

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



47, 85.754, 311.317



47, 112.415, 311.637



56, 86.680, 326.082



43, 6.954, 308.182



26, 94.154, 311.133



3, 30.973, 307.923

Previews

White Background



This preview shows how the CIELCh color 81, 76.589, 124.975 looks on a white background.

Color Contrast Check

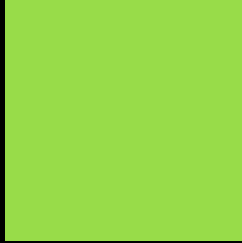
Large Text (above 18pt) WCAG AA × Fail

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 81, 76.589, 124.975 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 81, 76.589, 124.975

Background



This preview shows how black text looks on a background with the CIELCh color 81, 76.589, 124.975.

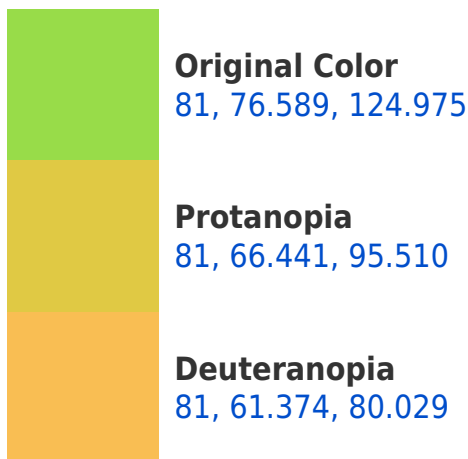


This preview shows how white text looks on a background with the CIELCh color 81, 76.589, 124.975.

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



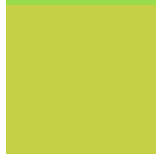


Tritanopia
81, 14.022, 236.291

Trichromacy



Original Color
81, 76.589, 124.975



Protanomaly
80, 67.636, 107.796



Deuteranomaly
80, 61.428, 99.342

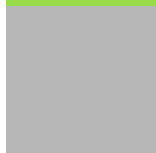


Tritanomaly
80, 28.578, 144.798

Monochromacy



Original Color
81, 76.589, 124.975



Achromatopsia
74, 0.009, 296.813



Achromatomaly
76, 30.298, 126.469

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 76.589, 124.975 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, 220, 73)` looks like.

```
.text, #text, p{  
    color:rgb(152, 220, 73)  
}
```

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, 220, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 220, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 76.589, 124.975 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, 220, 73) }
```

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

```
.border{ border-color:rgb(152, 220, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 220, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 220, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 220, 73);  
box-shadow:4px 4px 4px 4px rgb(152, 220,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 76.589, 124.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 220, 73) }
```

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

```
.background{ background-color: rgb(152,  
220, 73) }
```

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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