

Converting Colors

CIELCh(78, 81.764, 120.483)

Have a look what the booklet for
CIELCh(78, 81.764, 120.483)
contains.

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Color

CIELCh(78, 82.076, 120.619)

Conversions

Conversions Part 1

Format	Color
Hex	98D329
RGB	152, 211, 41
RGB Percent	60%, 83%, 16%
CMY	0.4053, 0.1739, 0.8410
CMYK	0.28, 0.00, 0.81, 0.17
HSL	81°, 68%, 49%
HSV	81°, 81%, 83%
XYZ	36.4814, 53.2120, 10.4047
YIQ	173.9790, 19.4060, -65.3780

Conversions

Conversions Part 2

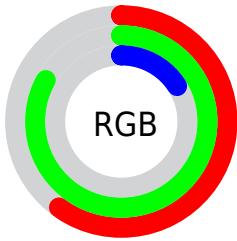
Format	Color
RYB	41, 211, 100
Decimal	10015529
CIELab	78.00, -41.80, 70.63
CIELCh	78, 82.076, 120.619
Yxy	53.2120, 0.3645, 0.5316
Android (android.graphics.Color)	4288205609 (0xFF98D329)
YUV	173.9790, -65.5586, -19.2756
Hunter-Lab	72.9466, -38.3866, 42.6058

Details

The CIELCh color **78, 82.076, 120.619** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **36, 98.563, 309.035**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 75.638, 118.333**, and **58, 72.781, 123.766** is the 20% darker color. If you saturate the color by 10%, you get **78, 87.040, 121.253**, and if you desaturate by 10%, it is **79, 75.021, 120.425**.

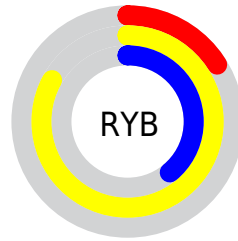
Distribution



Red (60%)

Green (83%)

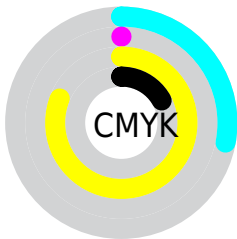
Blue (16%)



Red (16%)

Yellow (83%)

Blue (39%)

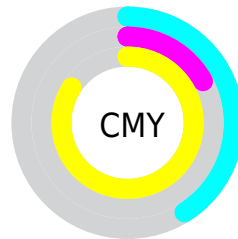


Cyan (28%)

Magenta (0%)

Yellow (81%)

Black (17%)



Cyan (41%)


Magenta (17%)

Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 82.076, 120.619 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 78, 82.076, 120.619 by changing the saturation by 10% instead.


 78, 82.076,
120.619

 78, 82.076,
120.619

 100, 82.076,
120.619


 68, 82.076,
120.619


 98, 82.076,
120.619

 58, 82.076,
120.619

 48, 82.076,
120.619

 38, 82.076,
120.619

 28, 82.076,
120.619

 18, 82.076,
120.619

 8, 82.076, 120.619

■ 0, 82.076, 120.619

■ 78, 82.076,
120.619

■ 78, 82.076,
120.619

■ 78, 87.040,
121.253

■ 79, 75.021,
120.425

■ 77, 89.896,
122.204

■ 79, 66.331,
120.554

■ 80, 56.506,
120.895

■ 81, 45.946,
121.360

■ 81, 34.936,
121.888

■ 82, 23.669,
122.439

■ 83, 12.275,
122.990

■ 84, 0.845, 123.594

■ 85, 10.561,
304.010

Harmonies

Complementary

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



78, 82.076, 120.619



36, 98.563, 309.035

Rectangle

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



78, 82.076, 120.619



78, 82.076, 170.619



78, 82.076, 300.619



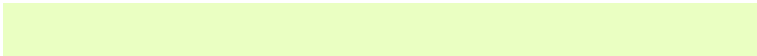
78, 82.076, 350.619

Sweetspot

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



78, 82.076, 120.620



97, 31.935, 122.244



55, 66.006, 51.032



51, 21.907, 122.046



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 82.076, 120.620



92, 103.097, 122.025



75, 93.827, 134.928



44, 6.441, 123.063



63, 75.930, 121.961



14, 24.894, 123.380

Inverse Universe

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



36, 98.563, 309.035



37, 127.612, 308.914



47, 94.166, 322.405



41, 6.555, 304.062



23, 94.250, 309.057



2, 26.100, 302.199

Previews

White Background



This preview shows how the CIELCh color 78, 82.076, 120.619 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 78, 82.076, 120.619 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 78, 82.076, 120.619

Background



This preview shows how black text looks on a background with the CIELCh color 78, 82.076, 120.619.



This preview shows how white text looks on a background with the CIELCh color 78, 82.076, 120.619.

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

78, 82.076, 120.619

Protanopia

78, 73.779, 95.391

Deuteranopia

78, 69.143, 81.562



Tritanopia
78, 11.938, 245.072

Trichromacy



Original Color
78, 82.076, 120.619

Protanomaly
77, 74.570, 105.373

Deuteranomaly
77, 69.035, 97.470

Tritanomaly
77, 30.650, 135.332

Monochromacy



Original Color
78, 82.076, 120.619

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 34.093, 121.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 82.076, 120.619 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, 211, 41)` looks like.

```
.text, #text, p{  
    color:rgb(152, 211, 41)  
}
```

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, 211, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 211, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 82.076, 120.619 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, 211, 41) }
```

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

```
.border{ border-color:rgb(152, 211, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 211, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 211, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 211, 41);  
box-shadow:4px 4px 4px 4px rgb(152, 211,  
41) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 82.076, 120.619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 211, 41) }
```

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

```
.background{ background-color: rgb(152,  
211, 41) }
```

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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