

Converting Colors

CIELCh(78, 99.261, 139.835)

Have a look what the booklet for
CIELCh(78, 99.261, 139.835)
contains.

CIELCh(78, 98.954, 139.765)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(78, 98.954, 139.765)

Conversions

Conversions Part 1

Format	Color
Hex	01DF3A
RGB	1, 223, 58
RGB Percent	0%, 87%, 23%
CMY	0.9948, 0.1246, 0.7716
CMYK	0.99, 0.00, 0.74, 0.12
HSL	135°, 99%, 44%
HSV	135°, 99%, 88%
XYZ	27.2340, 53.2120, 12.8697
YIQ	137.8120, -79.3470, -98.3790

Conversions

Conversions Part 2

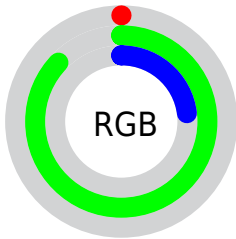
Format	Color
RYB	1, 178, 223
Decimal	122682
CIELab	78.00, -75.54, 63.92
CIELCh	78, 98.954, 139.765
Yxy	53.2120, 0.2918, 0.5702
Android (android.graphics.Color)	4278312762 (0xFF01DF3A)
YUV	137.8120, -39.3473, -119.9841
Hunter-Lab	72.9466, -61.0149, 40.6022

Details

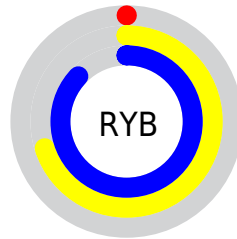
The CIELCh color **78, 98.954, 139.765** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **50, 85.725, 341.921**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 85.752, 140.477**, and **59, 86.858, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **78, 99.251, 139.670**, and if you desaturate by 10%, it is **78, 93.360, 141.557**.

Distribution



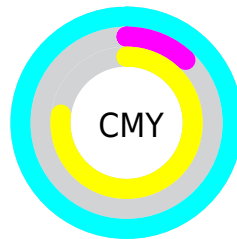
- Red (0%)
- Green (87%)
- Blue (23%)



- Red (0%)
- Yellow (70%)
- Blue (87%)



- Cyan (99%)
- Magenta (0%)
- Yellow (74%)
- Black (12%)





- Cyan (99%)
- Magenta (12%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 98.954, 139.765 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, 98.954, 139.765 by changing the saturation by 10% instead.


 78, 98.954,
139.765

 78, 98.954,
139.765


 100, 98.954,
139.765


 68, 98.954,
139.765


 98, 98.954,
139.765

 58, 98.954,
139.765

 48, 98.954,
139.765

 38, 98.954,
139.765

 28, 98.954,
139.765

 18, 98.954,
139.765

 8, 98.954, 139.765

■ 0, 98.954, 139.765

■ 78, 98.954,
139.765

■ 78, 98.954,
139.765

■ 78, 99.251,
139.670

■ 78, 93.360,
141.557

■ 79, 86.358,
143.376

■ 79, 78.005,
145.089

■ 80, 68.476,
146.645

■ 81, 57.989,
148.024

■ 82, 46.788,
149.228

■ 84, 35.115,
150.273

■ 85, 23.190,
151.179

■ 87, 11.199,
151.975

Harmonies

Complementary

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



78, 98.954, 139.765



50, 85.725, 341.921

Rectangle

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



78, 98.954, 139.765



78, 98.954, 189.765



78, 98.954, 319.765



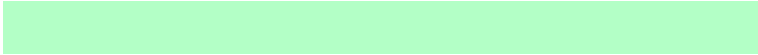
78, 98.954, 9.765

Sweetspot

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



78, 98.954, 139.766



94, 39.896, 150.193



82, 91.033, 117.480



49, 27.166, 149.763



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, 98.954, 139.766



88, 110.114, 139.529



79, 60.030, 165.922



46, 6.789, 151.972



63, 82.489, 139.978



16, 30.809, 144.373

Inverse Universe

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



50, 85.725, 341.921



57, 94.690, 342.146



47, 81.605, 25.927



44, 6.817, 333.172



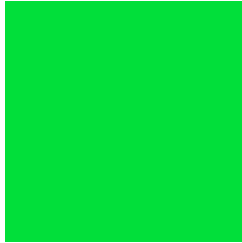
39, 71.981, 341.736



7, 30.218, 339.028

Previews

White Background



This preview shows how the CIELCh color 78, 98.954, 139.765 looks on a white background.

Color Contrast Check

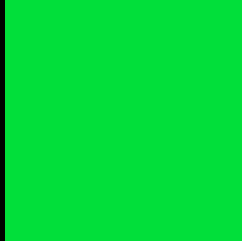
Large Text (above 18pt) WCAG AA × Fail

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, 98.954, 139.765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

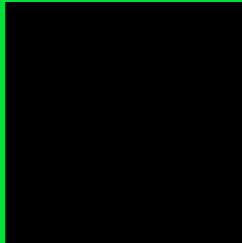
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

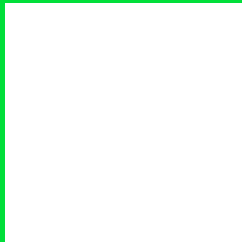
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 98.954, 139.765

Background



This preview shows how black text looks on a background with the CIELCh color 78, 98.954, 139.765.

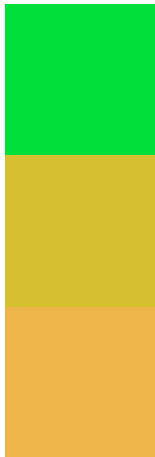


This preview shows how white text looks on a background with the CIELCh color 78, 98.954, 139.765.

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](#).

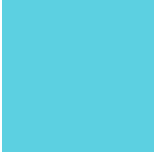
Dichromacy



Original Color
78, 98.931, 139.750

Protanopia
77, 69.146, 94.879

Deuteranopia
77, 61.430, 80.895



Tritanopia
78, 33.219, 213.352

Trichromacy



Original Color
78, 98.931, 139.750



Protanomaly
75, 77.102, 124.160



Deuteranomaly
74, 66.956, 120.544



Tritanomaly
77, 53.188, 165.464

Monochromacy



Original Color
78, 98.931, 139.750



Achromatopsia
57, 0.007, 296.813



Achromatomaly
63, 44.910, 148.423

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 98.954, 139.765 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(1, 223, 58)` looks like.

```
.text, #text, p{  
    color:rgb(1, 223, 58)  
}
```

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(1, 223, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 223, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 98.954, 139.765 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(1, 223, 58) }
```

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

```
.border{ border-color:rgb(1, 223, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 223, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 223, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 223, 58);  
box-shadow:4px 4px 4px 4px rgb(1, 223, 58)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 78, 98.954, 139.765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 223, 58) }
```

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

```
.background{ background-color: rgb(1, 223,  
58) }
```

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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