

Converting Colors

CIELCh(76, 98.130, 139.212)

Have a look what the booklet for
CIELCh(76, 98.130, 139.212)
contains.

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Color

CIElCh(76, 98.036, 139.263)

Conversions

Conversions Part 1

Format	Color
Hex	01D934
RGB	1, 217, 52
RGB Percent	0%, 85%, 20%
CMY	0.9958, 0.1490, 0.7960
CMYK	1.00, 0.00, 0.76, 0.15
HSL	134°, 99%, 43%
HSV	134°, 100%, 85%
XYZ	25.4497, 49.8872, 11.5383
YIQ	133.6060, -75.7710, -97.1070

Conversions

Conversions Part 2

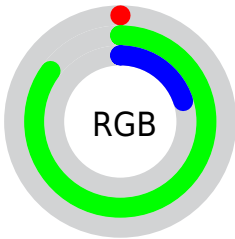
Format	Color
RYB	1, 176, 217
Decimal	121140
CIELab	76.00, -74.28, 63.98
CIELCh	76, 98.036, 139.263
Yxy	49.8872, 0.2929, 0.5742
Android (android.graphics.Color)	4278311220 (0xFF01D934)
YUV	133.6060, -40.2318, -116.2955
Hunter-Lab	70.6309, -59.2871, 39.7559

Details

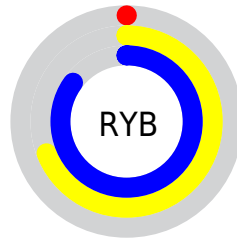
The CIELCh color **76, 98.036, 139.263** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **49, 85.178, 340.522**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 87.730, 139.749**, and **57, 84.535, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **76, 98.272, 139.189**, and if you desaturate by 10%, it is **76, 92.637, 140.971**.

Distribution



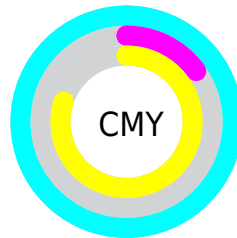
- Red (0%)
- Green (85%)
- Blue (20%)



- Red (0%)
- Yellow (69%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)
- Black (15%)





- Cyan (100%)
- Magenta (15%)
- Yellow (80%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 98.036, 139.263 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 76, 98.036, 139.263 by changing the saturation by 10% instead.


 76, 98.036,
139.263

 76, 98.036,
139.263


 100, 98.036,
139.263


 66, 98.036,
139.263


 96, 98.036,
139.263

 56, 98.036,
139.263

 46, 98.036,
139.263

 36, 98.036,
139.263

 26, 98.036,
139.263

 16, 98.036,
139.263

 6, 98.036, 139.263

■ 0, 98.036, 139.263

■ 76, 98.036,
139.263

■ 76, 98.036,
139.263

■ 76, 98.272,
139.189

■ 76, 92.637,
140.971

■ 77, 85.777,
142.734

■ 77, 77.531,
144.411

■ 78, 68.089,
145.943

■ 79, 57.682,
147.306

■ 80, 46.561,
148.497

■ 81, 34.971,
149.531

■ 83, 23.131,
150.426

■ 85, 11.229,
151.211

Harmonies

Complementary

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



76, 98.036, 139.263



49, 85.178, 340.522

Rectangle

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



76, 98.036, 139.263



76, 98.036, 189.263



76, 98.036, 319.263



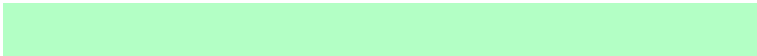
76, 98.036, 9.263

Sweetspot

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



76, 98.036, 139.264



94, 40.516, 149.457



81, 88.728, 116.591



49, 27.590, 149.030



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 98.036, 139.264



88, 111.431, 139.024



77, 60.035, 164.471



45, 6.763, 151.216



62, 82.576, 139.472



15, 29.839, 144.532

Inverse Universe

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



49, 85.178, 340.522



57, 96.085, 340.733



46, 79.102, 24.461



43, 6.788, 332.392



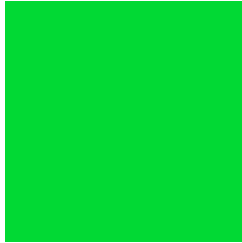
39, 72.254, 340.355



6, 29.274, 337.811

Previews

White Background



This preview shows how the CIELCh color 76, 98.036, 139.263 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 76, 98.036, 139.263 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 76, 98.036, 139.263

Background



This preview shows how black text looks on a background with the CIELCh color 76, 98.036, 139.263.



This preview shows how white text looks on a background with the CIELCh color 76, 98.036, 139.263.

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

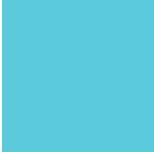
76, 98.036, 139.263

Protanopia

75, 69.154, 95.067

Deuteranopia

75, 61.206, 80.511



Tritanopia
76, 32.362, 213.901

Trichromacy



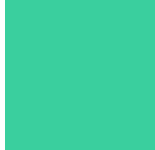
Original Color
76, 98.036, 139.263



Protanomaly
73, 76.612, 123.693



Deuteranomaly
72, 66.347, 119.987



Tritanomaly
75, 51.912, 165.125

Monochromacy



Original Color
76, 98.036, 139.263



Achromatopsia
56, 0.007, 296.813



Achromatomaly
61, 44.466, 147.486

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 98.036, 139.263 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, 217, 52)` looks like.

```
.text, #text, p{  
    color:rgb(1, 217, 52)  
}
```

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, 217, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 217, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 98.036, 139.263 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, 217, 52) }
```

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

```
.border{ border-color:rgb(1, 217, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 217, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 217, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 217, 52);  
box-shadow:4px 4px 4px 4px rgb(1, 217, 52)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 76, 98.036, 139.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 217, 52) }
```

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

```
.background{ background-color: rgb(1, 217,  
52) }
```

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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