

Converting Colors

CIELCh(78, 91.654, 142.929)

Have a look what the booklet for
CIELCh(78, 91.654, 142.929)
contains.

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Color

CIELCh(78, 91.799, 142.899)

Conversions

Conversions Part 1

Format	Color
Hex	03DF51
RGB	3, 223, 81
RGB Percent	1%, 87%, 32%
CMY	0.9876, 0.1267, 0.6835
CMYK	0.99, 0.00, 0.64, 0.13
HSL	141°, 97%, 44%
HSV	141°, 99%, 87%
XYZ	27.8144, 53.2120, 16.5306
YIQ	141.0320, -85.5380, -90.8020

Conversions

Conversions Part 2

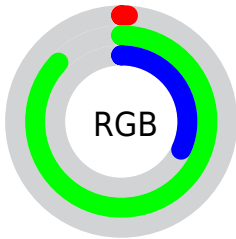
Format	Color
RYB	3, 165, 223
Decimal	253777
CIELab	78.00, -73.22, 55.38
CIELCh	78, 91.799, 142.899
Yxy	53.2120, 0.2851, 0.5454
Android (android.graphics.Color)	4278443857 (0xFF03DF51)
YUV	141.0320, -29.5958, -121.0541
Hunter-Lab	72.9466, -59.5947, 37.6268

Details

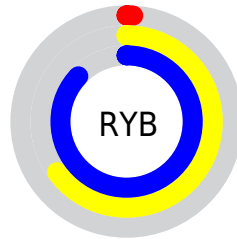
The CIELCh color **78, 91.799, 142.899** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **49, 80.503, 348.990**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 78.198, 144.319**, and **59, 84.077, 137.360** is the 20% darker color. If you saturate the color by 10%, you get **78, 92.551, 142.622**, and if you desaturate by 10%, it is **78, 86.089, 144.975**.

Distribution



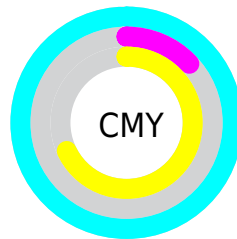
- Red (1%)
- Green (87%)
- Blue (32%)



- Red (1%)
- Yellow (65%)
- Blue (87%)



- Cyan (99%)
- Magenta (0%)
- Yellow (64%)
- Black (13%)





- Cyan (99%)
- Magenta (13%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 91.799, 142.899 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, 91.799, 142.899 by changing the saturation by 10% instead.


 78, 91.799,
142.899


 78, 91.799,
142.899


 100, 91.799,
142.899


 68, 91.799,
142.899


 98, 91.799,
142.899

 58, 91.799,
142.899

 48, 91.799,
142.899

 38, 91.799,
142.899

 28, 91.799,
142.899

 18, 91.799,
142.899

 8, 91.799, 142.899

■ 0, 91.799, 142.899

■ 78, 91.799,
142.899

■ 78, 91.799,
142.899

■ 78, 92.551,
142.622

■ 78, 86.089,
144.975

■ 79, 79.296,
146.962

■ 79, 71.406,
148.776

■ 80, 62.520,
150.393

■ 81, 52.798,
151.815

■ 82, 42.438,
153.056

■ 84, 31.643,
154.137

■ 85, 20.605,
155.085

■ 87, 9.490, 155.932

Harmonies

Complementary

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



78, 91.799, 142.899



49, 80.503, 348.990

Rectangle

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



78, 91.799, 142.899



78, 91.799, 192.899



78, 91.799, 322.899



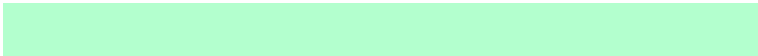
78, 91.799, 12.899

Sweetspot

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



78, 91.799, 142.899



94, 37.044, 153.970



81, 93.446, 122.242



49, 25.211, 153.518



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, 91.799, 142.899



88, 102.926, 142.452



80, 52.606, 176.237



46, 6.320, 155.861



63, 76.998, 142.978



16, 28.801, 147.280

Inverse Universe

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



49, 80.503, 348.990



56, 89.103, 349.564



47, 86.431, 32.968



44, 6.362, 337.168



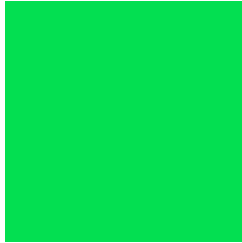
39, 67.756, 348.896



7, 28.436, 344.581

Previews

White Background



This preview shows how the CIELCh color 78, 91.799, 142.899 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, 91.799, 142.899 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, 91.799, 142.899

Background



This preview shows how black text looks on a background with the CIELCh color 78, 91.799, 142.899.

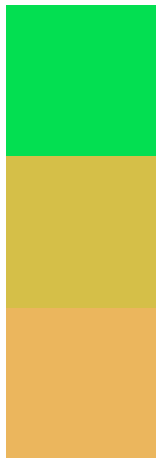


This preview shows how white text looks on a background with the CIELCh color 78, 91.799, 142.899.

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, 91.846, 142.929

Protanopia

77, 60.860, 95.364

Deuteranopia

77, 52.706, 79.488



Tritanopia
78, 33.566, 213.161

Trichromacy



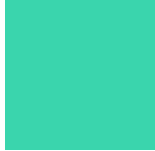
Original Color
78, 91.846, 142.929



Protanomaly
75, 69.470, 126.916



Deuteranomaly
74, 58.526, 123.866



Tritanomaly
77, 49.792, 170.305

Monochromacy



Original Color
78, 91.846, 142.929



Achromatopsia
59, 0.008, 296.813



Achromatomaly
64, 41.276, 152.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 91.799, 142.899 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(3, 223, 81)` looks like.

```
.text, #text, p{  
    color:rgb(3, 223, 81)  
}
```

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(3, 223, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 223, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 91.799, 142.899 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(3, 223, 81) }
```

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

```
.border{ border-color:rgb(3, 223, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 223, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 223, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 223, 81);  
box-shadow:4px 4px 4px 4px rgb(3, 223, 81)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 78, 91.799, 142.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 223, 81) }
```

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

```
.background{ background-color: rgb(3, 223,  
81) }
```

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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