

Converting Colors

CIELCh(79, 93.817, 142.216)

Have a look what the booklet for
CIELCh(79, 93.817, 142.216)
contains.

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Color

CIELCh(79, 93.978, 142.159)

Conversions

Conversions Part 1

Format	Color
Hex	0AE24E
RGB	10, 226, 78
RGB Percent	4%, 89%, 31%
CMY	0.9601, 0.1143, 0.6946
CMYK	0.95, 0.00, 0.66, 0.11
HSL	139°, 91%, 46%
HSV	139°, 95%, 89%
XYZ	28.6550, 54.9284, 16.2746
YIQ	144.5440, -81.2280, -91.8200

Conversions

Conversions Part 2

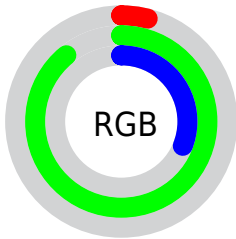
Format	Color
RYB	10, 174, 226
Decimal	713294
CIELab	79.00, -74.22, 57.65
CIELCh	79, 93.978, 142.159
Yxy	54.9284, 0.2870, 0.5501
Android (android.graphics.Color)	4278903374 (0xFF0AE24E)
YUV	144.5440, -32.8062, -117.9951
Hunter-Lab	74.1137, -60.6845, 38.8601

Details

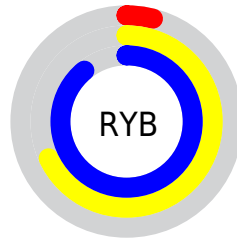
The CIELCh color **79, 93.978, 142.159** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **51, 83.185, 345.284**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 78.655, 143.656**, and **60, 86.393, 136.781** is the 20% darker color. If you saturate the color by 10%, you get **79, 96.418, 141.296**, and if you desaturate by 10%, it is **79, 87.804, 144.153**.

Distribution



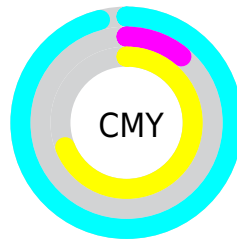
- Red (4%)
- Green (89%)
- Blue (31%)



- Red (4%)
- Yellow (68%)
- Blue (89%)



- Cyan (95%)
- Magenta (0%)
- Yellow (66%)
- Black (11%)





- Cyan (96%)
- Magenta (11%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 93.978, 142.159 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 79, 93.978, 142.159 by changing the saturation by 10% instead.


 79, 93.978,
142.159


 79, 93.978,
142.159


 100, 93.978,
142.159


 69, 93.978,
142.159


 99, 93.978,
142.159

 59, 93.978,
142.159

 49, 93.978,
142.159

 39, 93.978,
142.159

 29, 93.978,
142.159

 19, 93.978,
142.159

 9, 93.978, 142.159

■ 0, 93.978, 142.159

■ 79, 93.978,
142.159

■ 79, 93.978,
142.159

■ 79, 96.418,
141.296

■ 79, 87.804,
144.153

■ 80, 80.391,
146.041

■ 80, 71.818,
147.764

■ 81, 62.231,
149.297

■ 82, 51.829,
150.641

■ 84, 40.830,
151.812

■ 85, 29.453,
152.830

■ 87, 17.893,
153.720

■ 89, 6.314, 154.529

Harmonies

Complementary

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



79, 93.978, 142.159



51, 83.185, 345.284

Rectangle

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



79, 93.978, 142.159



79, 93.978, 192.159



79, 93.978, 322.159



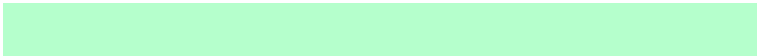
79, 93.978, 12.159

Sweetspot

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



79, 93.978, 142.159



94, 36.931, 152.469



83, 92.166, 119.603



49, 25.290, 152.027



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 93.978, 142.159



88, 106.029, 141.153



81, 55.994, 171.412



46, 6.508, 154.212



63, 79.352, 141.653



16, 29.663, 145.966

Inverse Universe

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



51, 83.185, 345.284



56, 91.165, 346.392



48, 82.796, 27.881



44, 6.543, 335.473



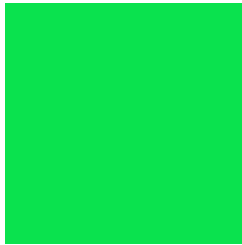
39, 69.326, 345.836



7, 29.126, 342.210

Previews

White Background



This preview shows how the CIELCh color 79, 93.978, 142.159 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 79, 93.978, 142.159 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 79, 93.978, 142.159

Background



This preview shows how black text looks on a background with the CIELCh color 79, 93.978, 142.159.

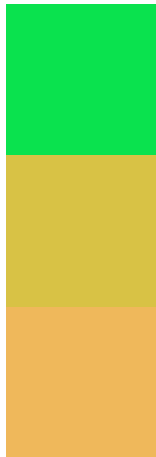


This preview shows how white text looks on a background with the CIELCh color 79, 93.978, 142.159.

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

79, 94.002, 142.174

Protanopia

78, 63.259, 95.560

Deuteranopia

78, 54.811, 79.390



Tritanopia
79, 33.820, 212.997

Trichromacy



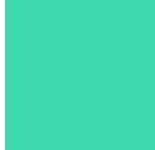
Original Color
79, 94.002, 142.174



Protanomaly
76, 71.532, 125.810



Deuteranomaly
75, 60.214, 122.033



Tritanomaly
78, 50.744, 168.869

Monochromacy



Original Color
79, 94.002, 142.174



Achromatopsia
60, 0.008, 296.813



Achromatomaly
65, 41.163, 151.079

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 93.978, 142.159 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(10, 226, 78)` looks like.

```
.text, #text, p{  
    color:rgb(10, 226, 78)  
}
```

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(10, 226, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 226, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 93.978, 142.159 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(10, 226, 78) }
```

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

```
.border{ border-color:rgb(10, 226, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 226, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 226, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 226, 78);  
box-shadow:4px 4px 4px 4px rgb(10, 226,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 93.978, 142.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 226, 78) }
```

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

```
.background{ background-color: rgb(10, 226,  
78) }
```

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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