

Converting Colors

CIELCh(78, 94.706, 141.489)

Have a look what the booklet for
CIELCh(78, 94.706, 141.489)
contains.

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Color

CIELCh(78, 94.698, 141.508)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 05DF48 |
| RGB | 5, 223, 72 |
| RGB Percent | 2%, 87%, 28% |
| CMY | 0.9792, 0.1259, 0.7181 |
| CMYK | 0.98, 0.00, 0.68, 0.13 |
| HSL | 138°, 95%, 45% |
| HSV | 138°, 98%, 87% |
| XYZ | 27.5880, 53.2120, 14.9281 |
| YIQ | 140.6040, -81.4570, -93.1770 |

Conversions

Conversions Part 2

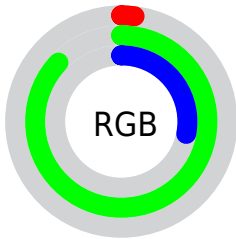
| Format | Color |
|-------------------------------------|---|
| RYB | 5, 172, 223 |
| Decimal | 384840 |
| CIELab | 78.00, -74.12, 58.94 |
| CIELCh | 78, 94.698, 141.508 |
| Yxy | 53.2120, 0.2882, 0.5559 |
| Android (android.graphics.Color) | 4278574920 (0xFF05DF48) |
| YUV | 140.6040, -33.8218, -118.9247 |
| Hunter-Lab | 72.9466, -60.1488, 38.9292 |

Details

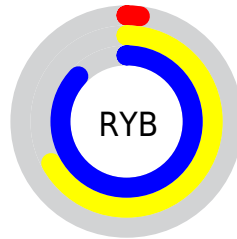
The CIELCh color **78, 94.698, 141.508** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **50, 82.807, 345.132**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 81.254, 142.688**, and **59, 86.858, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **78, 95.957, 141.071**, and if you desaturate by 10%, it is **78, 88.825, 143.480**.

Distribution



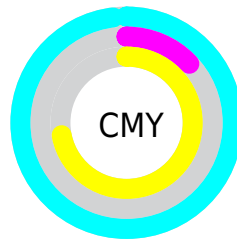
- Red (2%)
- Green (87%)
- Blue (28%)



- Red (2%)
- Yellow (67%)
- Blue (87%)



- Cyan (98%)
- Magenta (0%)
- Yellow (68%)
- Black (13%)




- Cyan (98%)
- Magenta (13%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 94.698, 141.508 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, 94.698, 141.508 by changing the saturation by 10% instead.

 78, 94.698,
141.508

 78, 94.698,
141.508


 100, 94.698,
141.508

 68, 94.698,
141.508


 98, 94.698,
141.508

 58, 94.698,
141.508

 48, 94.698,
141.508

 38, 94.698,
141.508

 28, 94.698,
141.508

 18, 94.698,
141.508

 8, 94.698, 141.508

■ 0, 94.698, 141.508

■ 78, 94.698,
141.508

■ 78, 94.698,
141.508

■ 78, 95.957,
141.071

■ 78, 88.825,
143.480

■ 79, 81.711,
145.382

■ 79, 73.410,
147.132

■ 80, 64.060,
148.698

■ 81, 53.853,
150.075

■ 82, 43.007,
151.275

■ 84, 31.742,
152.319

■ 85, 20.258,
153.228

■ 87, 8.727, 154.039

Harmonies

Complementary

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



78, 94.698, 141.508



50, 82.807, 345.132

Rectangle

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



78, 94.698, 141.508



78, 94.698, 191.508



78, 94.698, 321.508



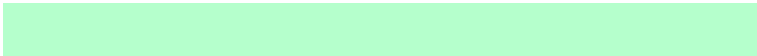
78, 94.698, 11.508

Sweetspot

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



78, 94.698, 141.508



94, 37.154, 152.161



82, 91.795, 119.815



49, 25.443, 151.721



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, 94.698, 141.508



88, 106.619, 140.913



80, 55.852, 171.032



46, 6.545, 153.895



63, 79.802, 141.406



16, 29.827, 145.727

Inverse Universe

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



50, 82.807, 345.132



57, 91.612, 345.786



47, 83.121, 28.973



44, 6.580, 335.147



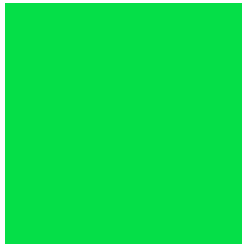
39, 69.664, 345.251



7, 29.269, 341.757

Previews

White Background



This preview shows how the CIELCh color 78, 94.698, 141.508 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, 94.698, 141.508 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, 94.698, 141.508

Background



This preview shows how black text looks on a background with the CIELCh color 78, 94.698, 141.508.

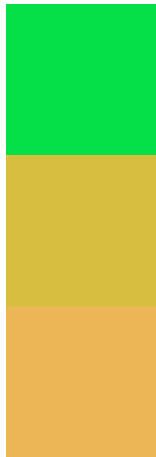


This preview shows how white text looks on a background with the CIELCh color 78, 94.698, 141.508.

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

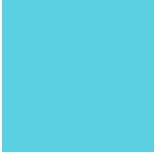
78, 94.721, 141.523

Protanopia

77, 64.494, 95.109

Deuteranopia

77, 55.985, 80.156



Tritanopia
78, 33.394, 213.256

Trichromacy



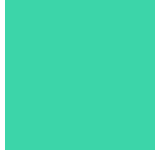
Original Color
78, 94.721, 141.523



Protanomaly
75, 72.635, 125.405



Deuteranomaly
74, 61.780, 122.266



Tritanomaly
77, 50.861, 168.149

Monochromacy



Original Color
78, 94.721, 141.523



Achromatopsia
59, 0.008, 296.813



Achromatomaly
64, 42.313, 150.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 94.698, 141.508 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(5, 223, 72)` looks like.

```
.text, #text, p{  
    color:rgb(5, 223, 72)  
}
```

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(5, 223, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 223, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 94.698, 141.508 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(5, 223, 72) }
```

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

```
.border{ border-color:rgb(5, 223, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 223, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 223, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 223, 72);  
box-shadow:4px 4px 4px 4px rgb(5, 223, 72)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 78, 94.698, 141.508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 223, 72) }
```

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

```
.background{ background-color: rgb(5, 223,  
72) }
```

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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