

Converting Colors

CIELCh(76, 94.400, 140.908)

Have a look what the booklet for
CIELCh(76, 94.400, 140.908)
contains.

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Color

CIELCh(76, 94.400, 140.908)

Conversions

Conversions Part 1

Format	Color
Hex	00D941
RGB	0, 217, 65
RGB Percent	0%, 85%, 25%
CMY	1.0000, 0.1498, 0.7459
CMYK	1.00, 0.00, 0.70, 0.15
HSL	138°, 100%, 43%
HSV	138°, 100%, 85%
XYZ	25.6912, 49.8872, 13.2442
YIQ	134.7890, -80.5400, -93.2760

Conversions

Conversions Part 2

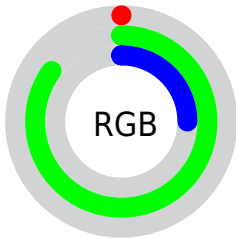
Format	Color
RYB	0, 167, 217
Decimal	55617
CIELab	76.00, -73.27, 59.53
CIELCh	76, 94.400, 140.908
Yxy	49.8872, 0.2892, 0.5617
Android (android.graphics.Color)	4278245697 (0xFF00D941)
YUV	134.7890, -34.4060, -118.2100
Hunter-Lab	70.6309, -58.6768, 38.3240

Details

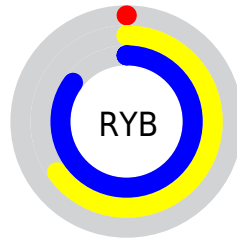
The CIELCh color **76, 94.400, 140.908** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **48, 81.557, 345.035**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 84.191, 141.601**, and **57, 84.535, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **76, 94.372, 140.890**, and if you desaturate by 10%, it is **76, 88.855, 142.804**.

Distribution



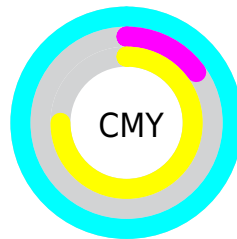
- Red (0%)
- Green (85%)
- Blue (25%)



- Red (0%)
- Yellow (65%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (15%)





- Cyan (100%)
- Magenta (15%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 94.400, 140.908 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, 94.400, 140.908 by changing the saturation by 10% instead.

 76, 94.400,
140.908


 76, 94.400,
140.908


 100, 94.400,
140.908


 66, 94.400,
140.908


 96, 94.400,
140.908

 56, 94.400,
140.908

 46, 94.400,
140.908

 36, 94.400,
140.908

 26, 94.400,
140.908

 16, 94.400,
140.908

 6, 94.400, 140.908

■ 0, 94.400, 140.908

■ 76, 94.400,
140.908

■ 76, 94.400,
140.908

■ 76, 94.372,
140.890

■ 76, 88.855,
142.804

■ 77, 82.152,
144.715

■ 77, 74.250,
146.491

■ 78, 65.276,
148.091

■ 79, 55.412,
149.505

■ 80, 44.870,
150.738

■ 81, 33.868,
151.811

■ 83, 22.610,
152.744

■ 85, 11.271,
153.567

Harmonies

Complementary

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



76, 94.400, 140.908



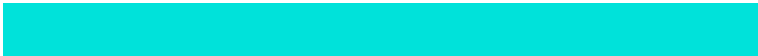
48, 81.557, 345.035

Rectangle

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



76, 94.400, 140.908



76, 94.400, 190.908



76, 94.400, 320.908



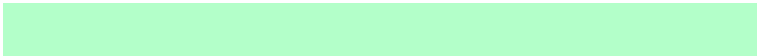
76, 94.400, 10.908

Sweetspot

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



76, 94.372, 140.890



94, 38.631, 151.783



80, 90.053, 119.210



49, 26.300, 151.343



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, 94.372, 140.890



88, 107.149, 140.699



78, 56.349, 168.970



45, 6.457, 153.611



62, 79.302, 141.209



15, 28.716, 146.074

Inverse Universe

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



48, 81.557, 345.035



57, 92.029, 345.240



46, 81.765, 28.814



43, 6.490, 334.852



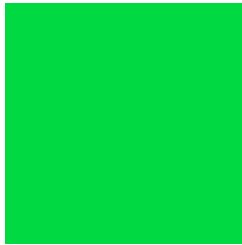
38, 69.241, 344.701



6, 28.046, 341.188

Previews

White Background



This preview shows how the CIELCh color 76, 94.400, 140.908 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, 94.400, 140.908 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, 94.400, 140.908

Background



This preview shows how black text looks on a background with the CIELCh color 76, 94.400, 140.908.



This preview shows how white text looks on a background with the CIELCh color 76, 94.400, 140.908.

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, 94.400, 140.908

Protanopia

75, 64.732, 95.333

Deuteranopia

75, 56.831, 80.619



Tritanopia
76, 32.713, 213.696

Trichromacy



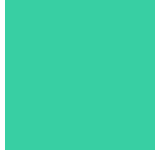
Original Color
76, 94.400, 140.908



Protanomaly
73, 72.621, 125.398



Deuteranomaly
72, 62.309, 122.078



Tritanomaly
75, 50.430, 167.691

Monochromacy



Original Color
76, 94.400, 140.908



Achromatopsia
56, 0.007, 296.813



Achromatomaly
62, 42.932, 149.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 94.400, 140.908 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(0, 217, 65)` looks like.

```
.text, #text, p{  
    color:rgb(0, 217, 65)  
}
```

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(0, 217, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 217, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 94.400, 140.908 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(0, 217, 65) }
```

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

```
.border{ border-color:rgb(0, 217, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 217, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 217, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 217, 65);  
box-shadow:4px 4px 4px 4px rgb(0, 217, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 76, 94.400, 140.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 217, 65) }
```

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

```
.background{ background-color: rgb(0, 217,  
65) }
```

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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