

Converting Colors

CIELCh(80, 104.930, 134.799)

Have a look what the booklet for
CIELCh(80, 104.930, 134.799)
contains.

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Color

CIELCh(80, 104.750, 134.782)

Conversions

Conversions Part 1

Format	Color
Hex	3CE41A
RGB	60, 228, 26
RGB Percent	24%, 89%, 10%
CMY	0.7631, 0.1048, 0.9000
CMYK	0.74, 0.00, 0.89, 0.10
HSL	110°, 80%, 50%
HSV	110°, 89%, 90%
XYZ	29.8874, 56.6813, 10.3128
YIQ	154.7400, -35.2860, -98.4380

Conversions

Conversions Part 2

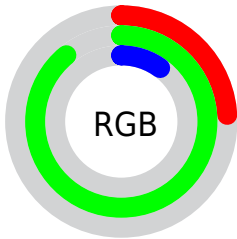
Format	Color
RYB	26, 228, 194
Decimal	3990554
CIELab	80.00, -73.79, 74.35
CIElCh	80, 104.750, 134.782
Yxy	56.6813, 0.3085, 0.5851
Android (android.graphics.Color)	4282180634 (0xFF3CE41A)
YUV	154.7400, -63.4688, -83.0870
Hunter-Lab	75.2870, -60.8913, 44.5794

Details

The CIELCh color **80, 104.750, 134.782** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **49, 104.680, 322.051**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 89.245, 134.149**, and **61, 88.783, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **80, 108.418, 135.047**, and if you desaturate by 10%, it is **80, 98.405, 134.875**.

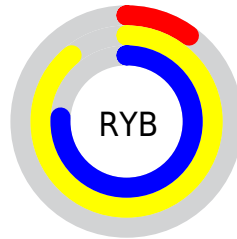
Distribution



Red (24%)

Green (89%)

Blue (10%)



Red (10%)

Yellow (89%)

Blue (76%)

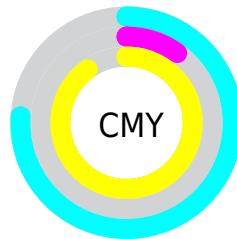


Cyan (74%)

Magenta (0%)

Yellow (89%)

Black (10%)



Cyan (76%)


Magenta (10%)


Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 104.750, 134.782 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 80, 104.750, 134.782 by changing the saturation by 10% instead.


 80, 104.750,
134.782


 80, 104.750,
134.782


 100, 104.750,
134.782


 70, 104.750,
134.782


 60, 104.750,
134.782

 50, 104.750,
134.782

 40, 104.750,
134.782

 30, 104.750,
134.782

 20, 104.750,
134.782

 10, 104.750,

134.782

■ 0, 104.750,
134.782

■ 80, 104.750,
134.782

■ 80, 104.750,
134.782

■ 80, 108.418,
135.047

■ 80, 98.405,
134.875

■ 80, 108.756,
135.071

■ 81, 89.537,
135.303

■ 82, 78.713,
135.937

■ 83, 66.520,
136.658

■ 84, 53.440,
137.383

■ 86, 39.845,
138.065

■ 87, 26.011,
138.683

■ 89, 12.143,
139.236

■ 91, 1.612, 319.539

Harmonies

Complementary

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



80, 104.750, 134.782



49, 104.680, 322.051

Rectangle

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



80, 104.750, 134.782



80, 104.750, 184.782



80, 104.750, 314.782



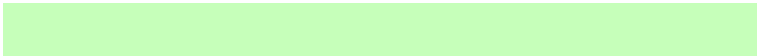
80, 104.750, 4.782

Sweetspot

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



80, 104.750, 134.783



95, 40.832, 138.173



78, 76.737, 90.654



50, 27.498, 137.948



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 104.750, 134.783



88, 118.327, 135.119



80, 90.564, 143.581



47, 7.849, 139.203



64, 90.322, 134.938



18, 35.294, 135.858

Inverse Universe

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



49, 104.680, 322.051



53, 117.367, 321.569



52, 83.057, 344.178



45, 7.888, 320.046



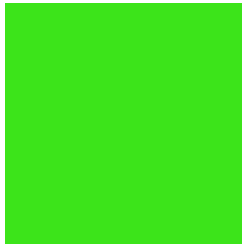
37, 89.759, 321.707



7, 37.163, 322.506

Previews

White Background



This preview shows how the CIELCh color 80, 104.750, 134.782 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 80, 104.750, 134.782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

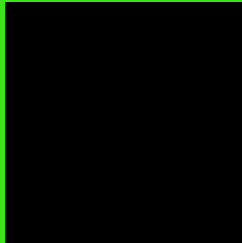
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

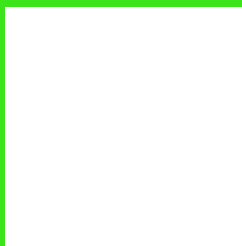
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 104.750, 134.782

Background



This preview shows how black text looks on a background with the CIELCh color 80, 104.750, 134.782.



This preview shows how white text looks on a background with the CIELCh color 80, 104.750, 134.782.

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

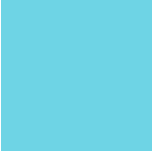
80, 104.610, 134.835

Protanopia

79, 79.451, 94.925

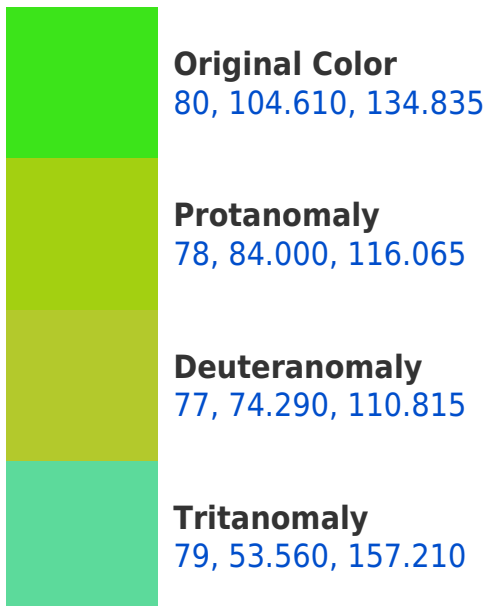
Deuteranopia

79, 71.227, 81.473

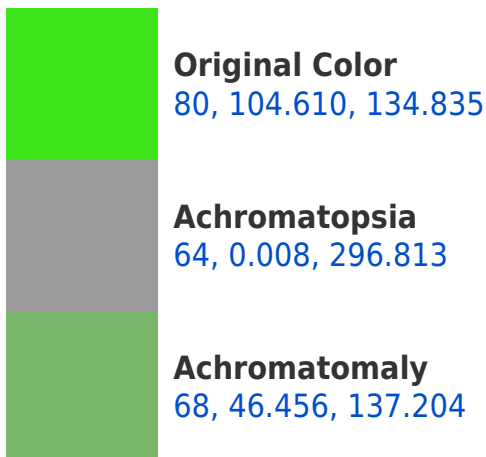


Tritanopia
80, 30.640, 214.860

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 104.750, 134.782 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(60, 228, 26)` looks like.

```
.text, #text, p{  
    color:rgb(60, 228, 26)  
}
```

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(60, 228, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 228, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 104.750, 134.782 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(60, 228, 26) }
```

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

```
.border{ border-color:rgb(60, 228, 26) }
```

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

Here you see how a box with a 4 pixel rgb(60, 228, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 228, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 228, 26);  
box-shadow:4px 4px 4px 4px rgb(60, 228,  
26) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 104.750, 134.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 228, 26) }
```

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

```
.background{ background-color: rgb(60, 228,  
26) }
```

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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