

Converting Colors

CIELCh(54, 78.851, 134.182)

Have a look what the booklet for
CIELCh(54, 78.851, 134.182)
contains.

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Color

CIELCh(54, 78.821, 134.324)

Conversions

Conversions Part 1

Format	Color
Hex	1F9600
RGB	31, 150, 0
RGB Percent	12%, 59%, 0%
CMY	0.8773, 0.4134, 1.0000
CMYK	0.79, 0.00, 1.00, 0.41
HSL	107°, 100%, 29%
HSV	107°, 100%, 59%
XYZ	11.4097, 21.9746, 3.6185
YIQ	97.3190, -22.7740, -71.8780

Conversions

Conversions Part 2

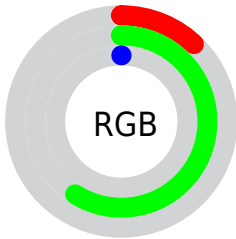
Format	Color
RYB	0, 150, 119
Decimal	2070016
CIELab	54.00, -55.07, 56.39
CIELCh	54, 78.821, 134.324
Yxy	21.9746, 0.3083, 0.5939
Android (android.graphics.Color)	4280260096 (0xFF1F9600)
YUV	97.3190, -47.9783, -58.1618
Hunter-Lab	46.8770, -38.5884, 28.2373

Details

The CIELCh color **54, 78.821, 134.324** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **30, 79.180, 320.505**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 78.809, 134.410**, and **35, 59.429, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **54, 78.717, 134.376**, and if you desaturate by 10%, it is **54, 75.401, 134.203**.

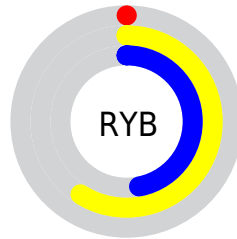
Distribution



Red (12%)

Green (59%)

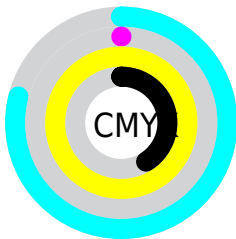
Blue (0%)



Red (0%)

Yellow (59%)

Blue (47%)

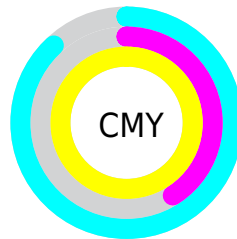


Cyan (79%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (88%)

Magenta (41%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 78.821, 134.324 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 54, 78.821, 134.324 by changing the saturation by 10% instead.


 54, 78.821,
134.324

 54, 78.821,
134.324

 100, 78.821,
134.324


 44, 78.821,
134.324

 74, 78.821,
134.324

 34, 78.821,
134.324

 84, 78.821,
134.324

 24, 78.821,
134.324

 94, 78.821,
134.324

 14, 78.821,
134.324

 4, 78.821, 134.324

 0, 78.821, 134.324

■ 54, 78.821,
134.324

■ 54, 78.821,
134.324

■ 54, 78.717,
134.376

■ 54, 75.401,
134.203

■ 55, 70.589,
134.227

■ 55, 64.123,
134.570

■ 56, 56.390,
135.112

■ 56, 47.772,
135.746

■ 57, 38.580,
136.396

■ 58, 29.052,
137.018

■ 59, 19.363,

137.590

■ 61, 9.646, 138.108

Harmonies

Complementary

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



54, 78.821, 134.324



30, 79.180, 320.505

Rectangle

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



54, 78.821, 134.324



54, 78.821, 184.324



54, 78.821, 314.324



54, 78.821, 4.324

Sweetspot

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



54, 78.717, 134.376



74, 35.876, 136.982



51, 57.080, 86.723



38, 24.379, 136.750



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



54, 78.717, 134.376



69, 95.562, 134.574



54, 71.487, 140.995



31, 5.396, 138.148



50, 74.034, 134.300



2, 4.708, 138.539

Inverse Universe

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



30, 79.180, 320.505



39, 95.937, 320.362



33, 62.877, 343.343



29, 5.426, 318.911



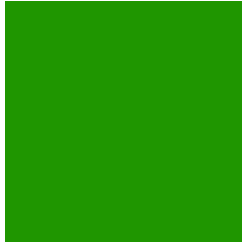
27, 74.527, 320.557



1, 4.709, 318.535

Previews

White Background



This preview shows how the CIELCh color 54, 78.821, 134.324 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 78.821, 134.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

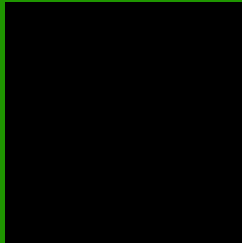
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 78.821, 134.324

Background



This preview shows how black text looks on a background with the CIELCh color 54, 78.821, 134.324.



This preview shows how white text looks on a background with the CIELCh color 54, 78.821, 134.324.

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

54, 78.910, 134.411

Protanopia

54, 58.999, 95.371

Deuteranopia

54, 51.893, 82.680



Tritanopia
54, 22.606, 213.905

Trichromacy



Original Color
54, 78.910, 134.411



Protanomaly
52, 62.792, 116.298



Deuteranomaly
52, 56.246, 111.862



Tritanomaly
53, 41.913, 154.676

Monochromacy



Original Color
54, 78.910, 134.411



Achromatopsia
41, 0.006, 296.813



Achromatomaly
45, 36.357, 136.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 78.821, 134.324 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(31, 150, 0)` looks like.

```
.text, #text, p{  
    color:rgb(31, 150, 0)  
}
```

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(31, 150, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 150, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 78.821, 134.324 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(31, 150, 0) }
```

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

```
.border{ border-color:rgb(31, 150, 0) }
```

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

Here you see how a box with a 4 pixel rgb(31, 150, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 150, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 150, 0);  
box-shadow:4px 4px 4px 4px rgb(31, 150, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 78.821, 134.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 150, 0) }
```

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

```
.background{ background-color: rgb(31, 150,  
0) }
```

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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