

Converting Colors

CIELCh(54, 78.558, 135.075)

Have a look what the booklet for
CIELCh(54, 78.558, 135.075)
contains.

CIELCh(54, 78.558, 135.075)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 78.558, 135.075)

Conversions

Conversions Part 1

Format	Color
Hex	1B9605
RGB	27, 150, 5
RGB Percent	11%, 59%, 2%
CMY	0.8959, 0.4127, 0.9821
CMYK	0.82, 0.00, 0.97, 0.41
HSL	111°, 94%, 30%
HSV	111°, 97%, 59%
XYZ	11.3338, 21.9746, 3.7747
YIQ	96.6930, -26.7630, -71.1710

Conversions

Conversions Part 2

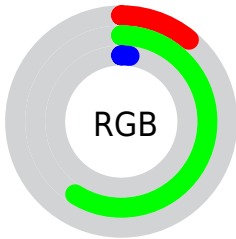
Format	Color
R _Y B	5, 150, 128
Decimal	1807877
CIE Lab	54.00, -55.62, 55.48
CIE LCh	54, 78.558, 135.075
Yxy	21.9746, 0.3056, 0.5926
Android (android.graphics.Color)	4279997957 (0xFF1B9605)
YUV	96.6930, -45.2046, -61.1208
Hunter-Lab	46.8770, -38.8774, 28.0397

Details

The CIELCh color **54, 78.558, 135.075** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **31, 77.832, 322.613**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 78.431, 135.060**, and **35, 59.004, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **54, 79.464, 135.030**, and if you desaturate by 10%, it is **54, 75.072, 135.086**.

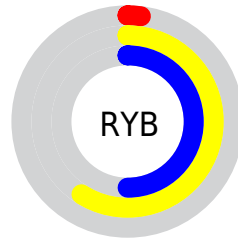
Distribution



Red (11%)

Green (59%)

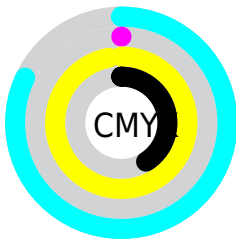
Blue (2%)



Red (2%)

Yellow (59%)

Blue (50%)

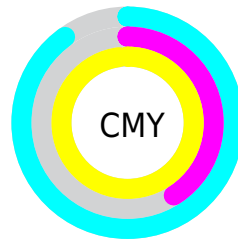


Cyan (82%)

Magenta (0%)

Yellow (97%)

Black (41%)



Cyan (90%)


Magenta (41%)


Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 78.558, 135.075 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, 78.558, 135.075 by changing the saturation by 10% instead.


 54, 78.558,
135.075


 54, 78.558,
135.075


 100, 78.558,
135.075


 44, 78.558,
135.075


 74, 78.558,
135.075

 34, 78.558,
135.075

 84, 78.558,
135.075

 24, 78.558,
135.075

 94, 78.558,
135.075

 14, 78.558,
135.075

 4, 78.558, 135.075

 0, 78.558, 135.075

■ 54, 78.558,
135.075

■ 54, 78.558,
135.075

■ 54, 79.464,
135.030

■ 54, 75.072,
135.086

■ 55, 69.792,
135.394

■ 55, 62.901,
135.962

■ 56, 54.799,
136.668

■ 57, 45.862,
137.415

■ 57, 36.391,
138.139

■ 59, 26.618,
138.807

■ 60, 16.718,

139.408

■ 61, 6.823, 139.947

Harmonies

Complementary

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



54, 78.558, 135.075



31, 77.832, 322.613

Rectangle

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



54, 78.558, 135.075



54, 78.558, 185.075



54, 78.558, 315.075



54, 78.558, 5.075

Sweetspot

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



54, 78.558, 135.076



74, 35.322, 138.639



53, 57.791, 91.290



38, 24.143, 138.381



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, 78.558, 135.076



69, 96.336, 135.185



54, 67.719, 143.119



31, 5.492, 139.830



50, 74.683, 134.968



2, 4.789, 140.245

Inverse Universe

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



31, 77.832, 322.613



41, 95.179, 322.427



33, 60.682, 346.391



29, 5.516, 320.636



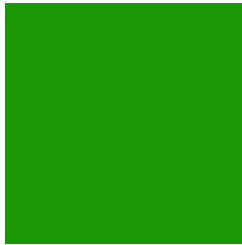
28, 73.963, 322.575



1, 4.790, 320.241

Previews

White Background



This preview shows how the CIELCh color 54, 78.558, 135.075 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 CIE LCh color 54, 78.558, 135.075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

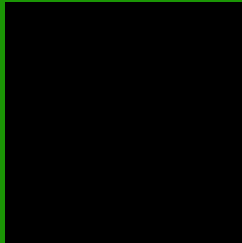
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 78.558, 135.075

Background



This preview shows how black text looks on a background with the CIELCh color 54, 78.558, 135.075.



This preview shows how white text looks on a background with the CIELCh color 54, 78.558, 135.075.

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, 78.558, 135.075

Protanopia

54, 58.999, 95.371

Deuteranopia

54, 51.534, 82.585



Tritanopia
54, 23.038, 213.553

Trichromacy



Original Color
54, 78.558, 135.075



Protanomaly
53, 63.125, 117.451



Deuteranomaly
52, 55.595, 112.994



Tritanomaly
53, 41.614, 156.311

Monochromacy



Original Color
54, 78.558, 135.075



Achromatopsia
41, 0.006, 296.813



Achromatomaly
45, 36.292, 137.602

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 78.558, 135.075 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(27, 150, 5)` looks like.

```
.text, #text, p{  
    color:rgb(27, 150, 5)  
}
```

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(27, 150, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 150, 5) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 78.558, 135.075 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(27, 150, 5) }
```

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

```
.border{ border-color:rgb(27, 150, 5) }
```

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

Here you see how a box with a 4 pixel rgb(27, 150, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 150, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 150, 5);  
box-shadow:4px 4px 4px 4px rgb(27, 150, 5)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 78.558, 135.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 150, 5) }
```

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

```
.background{ background-color: rgb(27, 150,  
5) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor