

Converting Colors

CIELCh(54, 79.603, 135.195)

Have a look what the booklet for
CIELCh(54, 79.603, 135.195)
contains.

CIELCh(54, 79.530, 135.207)	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, 79.530, 135.207)

Conversions

Conversions Part 1

Format	Color
Hex	159601
RGB	21, 150, 1
RGB Percent	8%, 59%, 0%
CMY	0.9176, 0.4118, 0.9960
CMYK	0.86, 0.00, 0.99, 0.41
HSL	112°, 99%, 30%
HSV	112°, 99%, 59%
XYZ	11.2213, 21.9746, 3.6789
YIQ	94.4430, -29.0550, -73.6870

Conversions

Conversions Part 2

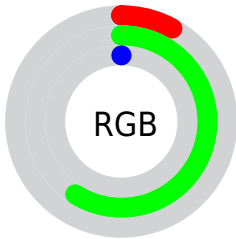
Format	Color
R_{YB}	1, 150, 130
Decimal	1414657
CIE _{Lab}	54.00, -56.44, 56.03
CIE _{LCh}	54, 79.530, 135.207
Yxy	21.9746, 0.3043, 0.5959
Android (android.graphics.Color)	4279604737 (0xFF159601)
YUV	94.4430, -46.0674, -64.4095
Hunter-Lab	46.8770, -39.3060, 28.1609

Details

The CIELCh color **54, 79.530, 135.207** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **32, 78.401, 323.174**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 79.436, 135.067**, and **35, 59.004, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **54, 79.725, 135.190**, and if you desaturate by 10%, it is **54, 76.367, 135.289**.

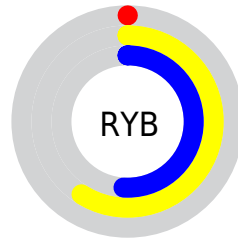
Distribution



Red (8%)

Green (59%)

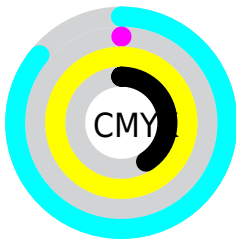
Blue (0%)



Red (0%)

Yellow (59%)

Blue (51%)

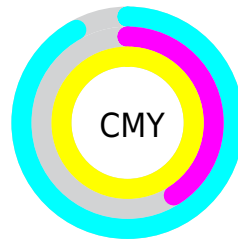


Cyan (86%)

Magenta (0%)

Yellow (99%)

Black (41%)



Cyan (92%)


Magenta (41%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 79.530, 135.207 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, 79.530, 135.207 by changing the saturation by 10% instead.

 54, 79.530,
135.207


 54, 79.530,
135.207

 100, 79.530,
135.207

 44, 79.530,
135.207

 74, 79.530,
135.207

 34, 79.530,
135.207

 84, 79.530,
135.207

 24, 79.530,
135.207

 94, 79.530,
135.207

 14, 79.530,
135.207

 4, 79.530, 135.207

 0, 79.530, 135.207

■ 54, 79.530,
135.207

■ 54, 79.530,
135.207

■ 54, 79.725,
135.190

■ 54, 76.367,
135.289

■ 55, 71.553,
135.577

■ 55, 65.016,
136.146

■ 56, 57.150,
136.872

■ 56, 48.345,
137.651

■ 57, 38.925,
138.412

■ 58, 29.145,
139.116

■ 59, 19.195,

139.750

■ 61, 9.221, 140.313

Harmonies

Complementary

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



54, 79.530, 135.207



32, 78.401, 323.174

Rectangle

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



54, 79.530, 135.207



54, 79.530, 185.207



54, 79.530, 315.207



54, 79.530, 5.207

Sweetspot

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



54, 79.529, 135.208



74, 36.733, 139.031



54, 58.918, 92.350



38, 24.959, 138.768



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, 79.529, 135.208



69, 96.525, 135.331



54, 67.909, 143.274



31, 5.522, 140.320



50, 74.845, 135.131



2, 4.815, 140.744

Inverse Universe

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



32, 78.401, 323.174



42, 94.984, 323.062



33, 60.427, 348.141



29, 5.544, 321.141



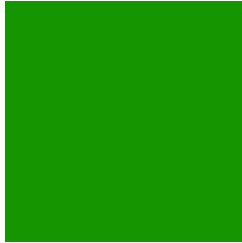
29, 73.818, 323.196



1, 4.815, 320.739

Previews

White Background



This preview shows how the CIELCh color 54, 79.530, 135.207 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, 79.530, 135.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

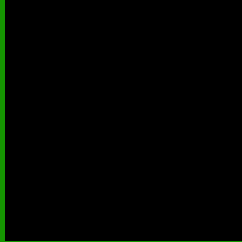
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 79.530, 135.207

Background



This preview shows how black text looks on a background with the CIELCh color 54, 79.530, 135.207.



This preview shows how white text looks on a background with the CIELCh color 54, 79.530, 135.207.

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, 79.530, 135.207

Protanopia
54, 58.999, 95.371

Deuteranopia
54, 51.893, 82.680



Tritanopia
54, 23.505, 214.692

Trichromacy



Original Color
54, 79.530, 135.207



Protanomaly
53, 63.717, 118.071



Deuteranomaly
52, 56.324, 113.742



Tritanomaly
53, 42.535, 156.255

Monochromacy



Original Color
54, 79.530, 135.207



Achromatopsia
40, 0.006, 296.813



Achromatomaly
44, 37.273, 138.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 79.530, 135.207 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(21, 150, 1)` looks like.

```
.text, #text, p{  
    color:rgb(21, 150, 1)  
}
```

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(21, 150, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 150, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 79.530, 135.207 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(21, 150, 1) }
```

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

```
.border{ border-color:rgb(21, 150, 1) }
```

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

Here you see how a box with a 4 pixel rgb(21, 150, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 150, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 150, 1);  
box-shadow:4px 4px 4px 4px rgb(21, 150, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 54, 79.530, 135.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 150, 1) }
```

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

```
.background{ background-color: rgb(21, 150,  
1) }
```

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