

Converting Colors

CIELCh(54, 75.140, 136.677)

Have a look what the booklet for
CIELCh(54, 75.140, 136.677)
contains.

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Color

CIELCh(54, 75.295, 136.653)

Conversions

Conversions Part 1

Format	Color
Hex	1B9617
RGB	27, 150, 23
RGB Percent	11%, 59%, 9%
CMY	0.8934, 0.4134, 0.9080
CMYK	0.82, 0.00, 0.84, 0.41
HSL	118°, 73%, 34%
HSV	118°, 84%, 59%
XYZ	11.4539, 21.9746, 4.4723
YIQ	98.7450, -32.5410, -65.5730

Conversions

Conversions Part 2

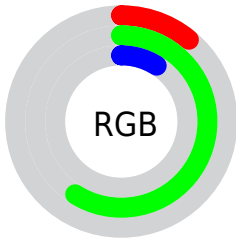
Format	Color
RYB	23, 150, 146
Decimal	1807895
CIELab	54.00, -54.76, 51.68
CIELCh	54, 75.295, 136.653
Yxy	21.9746, 0.3022, 0.5798
Android (android.graphics.Color)	4279997975 (0xFF1B9617)
YUV	98.7450, -37.3423, -62.9204
Hunter-Lab	46.8770, -38.4201, 27.1574

Details

The CIELCh color **54, 75.295, 136.653** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **36, 73.528, 327.025**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 75.191, 136.600**, and **35, 59.429, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **54, 78.799, 136.144**, and if you desaturate by 10%, it is **54, 69.818, 137.458**.

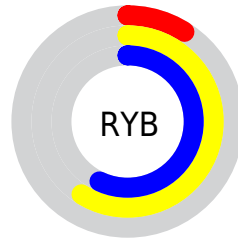
Distribution



Red (11%)

Green (59%)

Blue (9%)



Red (9%)

Yellow (59%)

Blue (57%)

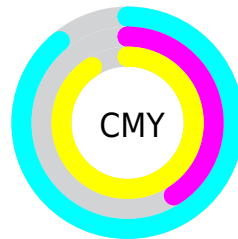


Cyan (82%)

Magenta (0%)

Yellow (84%)

Black (41%)



Cyan (89%)


Magenta (41%)


Yellow (91%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 75.295, 136.653 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, 75.295, 136.653 by changing the saturation by 10% instead.


 54, 75.295,
136.653


 54, 75.295,
136.653


 100, 75.295,
136.653

 44, 75.295,
136.653


 74, 75.295,
136.653

 34, 75.295,
136.653

 84, 75.295,
136.653

 24, 75.295,
136.653

 94, 75.295,
136.653

 14, 75.295,
136.653

 4, 75.295, 136.653

 0, 75.295, 136.653

■ 54, 75.295,
136.653

■ 54, 75.295,
136.653

■ 54, 78.799,
136.144

■ 54, 69.818,
137.458

■ 54, 80.281,
135.857

■ 55, 62.676,
138.436

■ 56, 54.273,
139.462

■ 56, 44.983,
140.450

■ 57, 35.122,
141.352

■ 58, 24.945,
142.150

■ 60, 14.649,
142.846

■ 61, 4.386, 143.470

Harmonies

Complementary

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



54, 75.295, 136.653



36, 73.528, 327.025

Rectangle

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



54, 75.295, 136.653



54, 75.295, 186.653



54, 75.295, 316.653



54, 75.295, 6.653

Sweetspot

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



54, 75.295, 136.654



74, 31.676, 142.061



59, 59.502, 101.433



38, 21.541, 141.816



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, 75.295, 136.654



68, 97.277, 135.900



55, 54.950, 151.182



31, 5.710, 143.169



50, 75.569, 135.841



2, 4.975, 143.653

Inverse Universe

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



36, 73.528, 327.025



45, 94.137, 327.062



34, 54.842, 353.326



29, 5.722, 324.102



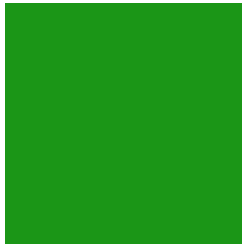
31, 73.186, 327.093



1, 4.976, 323.648

Previews

White Background



This preview shows how the CIELCh color 54, 75.295, 136.653 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, 75.295, 136.653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

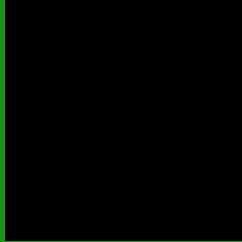
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 75.295, 136.653

Background



This preview shows how black text looks on a background with the CIELCh color 54, 75.295, 136.653.



This preview shows how white text looks on a background with the CIELCh color 54, 75.295, 136.653.

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, 75.600, 136.611

Protanopia

54, 55.783, 95.349

Deuteranopia

54, 49.252, 81.937



Tritanopia
54, 23.038, 213.553

Trichromacy



Original Color
54, 75.600, 136.611



Protanomaly
52, 59.554, 118.226



Deuteranomaly
52, 52.377, 113.919



Tritanomaly
53, 38.605, 160.320

Monochromacy



Original Color
54, 75.600, 136.611



Achromatopsia
42, 0.006, 296.813



Achromatomaly
45, 32.200, 141.239

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 75.295, 136.653 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, 23)` looks like.

```
.text, #text, p{  
    color:rgb(27, 150, 23)  
}
```

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, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 150, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 75.295, 136.653 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, 23) }
```

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

```
.border{ border-color:rgb(27, 150, 23) }
```

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, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 150, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 150, 23);  
box-shadow:4px 4px 4px 4px rgb(27, 150,  
23) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 75.295, 136.653 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, 23) }
```

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

```
.background{ background-color: rgb(27, 150,  
23) }
```

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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