

Converting Colors

CIELCh(54, 68.455, 140.233)

Have a look what the booklet for
CIELCh(54, 68.455, 140.233)
contains.

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Color

CIELCh(54, 68.356, 140.267)

Conversions

Conversions Part 1

Format	Color
Hex	1D952E
RGB	29, 149, 46
RGB Percent	11%, 58%, 18%
CMY	0.8859, 0.4154, 0.8194
CMYK	0.80, 0.00, 0.69, 0.42
HSL	128°, 67%, 35%
HSV	128°, 80%, 58%
XYZ	11.7610, 21.9746, 6.2126
YIQ	101.3780, -38.4570, -57.4730

Conversions

Conversions Part 2

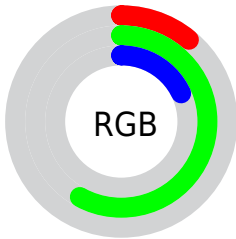
Format	Color
R _Y B	29, 134, 149
Decimal	1938734
CIE Lab	54.00, -52.57, 43.69
CIE LCh	54, 68.356, 140.267
Yxy	21.9746, 0.2944, 0.5501
Android (android.graphics.Color)	4280128814 (0xFF1D952E)
YUV	101.3780, -27.3014, -63.4755
Hunter-Lab	46.8770, -37.2509, 24.9563

Details

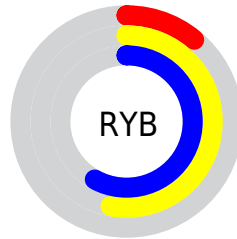
The CIELCh color **54, 68.356, 140.267** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **36, 65.069, 333.404**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 68.282, 140.268**, and **35, 59.004, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **54, 73.426, 138.845**, and if you desaturate by 10%, it is **54, 62.019, 141.704**.

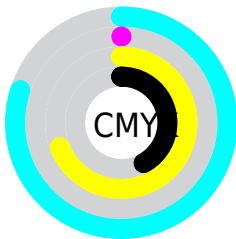
Distribution



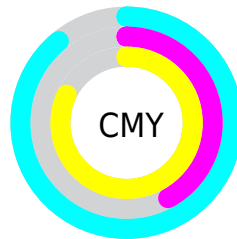
- Red (11%)
- Green (58%)
- Blue (18%)



- Red (11%)
- Yellow (53%)
- Blue (58%)



- Cyan (80%)
- Magenta (0%)
- Yellow (69%)
- Black (42%)



- Cyan (89%)
- Magenta (42%)
- Yellow (82%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 68.356, 140.267 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, 68.356, 140.267 by changing the saturation by 10% instead.

 54, 68.356,
140.267

 54, 68.356,
140.267

 100, 68.356,
140.267

 44, 68.356,
140.267


 74, 68.356,
140.267

 34, 68.356,
140.267

 84, 68.356,
140.267

 24, 68.356,
140.267

 94, 68.356,
140.267

 14, 68.356,
140.267

 4, 68.356, 140.267

 0, 68.356, 140.267

■ 54, 68.356,
140.267

■ 54, 68.356,
140.267

■ 54, 73.426,
138.845

■ 54, 62.019,
141.704

■ 54, 77.026,
137.716

■ 55, 54.636,
143.069

■ 56, 46.442,
144.313

■ 57, 37.663,
145.418

■ 58, 28.508,
146.382

■ 59, 19.158,
147.217

■ 60, 9.761, 147.945

■ 62, 0.434, 149.080

Harmonies

Complementary

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



54, 68.356, 140.267



36, 65.069, 333.404

Rectangle

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



54, 68.356, 140.267



54, 68.356, 190.267



54, 68.356, 320.267



54, 68.356, 10.267

Sweetspot

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



54, 68.356, 140.267



74, 27.826, 146.897



59, 59.765, 110.464



38, 19.058, 146.625



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, 68.356, 140.267



68, 93.008, 137.750



55, 44.885, 161.336



31, 5.226, 148.032



50, 72.522, 137.819



2, 4.554, 148.566

Inverse Universe

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



36, 65.069, 333.404



45, 83.812, 334.611



33, 51.347, 5.479



29, 5.238, 329.067



31, 65.602, 334.616



1, 4.554, 328.561

Previews

White Background



This preview shows how the CIELCh color 54, 68.356, 140.267 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, 68.356, 140.267 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, 68.356, 140.267

Background



This preview shows how black text looks on a background with the CIELCh color 54, 68.356, 140.267.



This preview shows how white text looks on a background with the CIELCh color 54, 68.356, 140.267.

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, 68.356, 140.267

Protanopia

54, 47.399, 95.036

Deuteranopia

54, 41.866, 80.503



Tritanopia
54, 23.298, 214.867

Trichromacy



Original Color
54, 68.356, 140.267



Protanomaly
53, 51.753, 121.220



Deuteranomaly
52, 44.549, 116.485



Tritanomaly
54, 35.177, 166.602

Monochromacy



Original Color
54, 68.356, 140.267



Achromatopsia
43, 0.006, 296.813



Achromatomaly
46, 28.129, 145.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 68.356, 140.267 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(29, 149, 46)` looks like.

```
.text, #text, p{  
    color:rgb(29, 149, 46)  
}
```

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(29, 149, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 149, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 68.356, 140.267 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(29, 149, 46) }
```

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

```
.border{ border-color:rgb(29, 149, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 149, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 149, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 149, 46);  
box-shadow:4px 4px 4px 4px rgb(29, 149,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 68.356, 140.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 149, 46) }
```

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

```
.background{ background-color: rgb(29, 149,  
46) }
```

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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