

Converting Colors

CIELCh(54, 53.310, 143.451)

Have a look what the booklet for
CIELCh(54, 53.310, 143.451)
contains.

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Color

CIELCh(54, 53.338, 143.296)

Conversions

Conversions Part 1

Format	Color
Hex	3A9247
RGB	58, 146, 71
RGB Percent	23%, 57%, 28%
CMY	0.7718, 0.4267, 0.7209
CMYK	0.60, 0.00, 0.51, 0.43
HSL	129°, 43%, 40%
HSV	129°, 60%, 57%
XYZ	13.2048, 21.9746, 9.5337
YIQ	111.1380, -28.3730, -41.9810

Conversions

Conversions Part 2

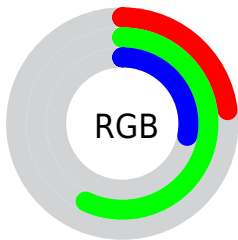
Format	Color
RYB	58, 135, 146
Decimal	3838535
CIELab	54.00, -42.76, 31.88
CIELCh	54, 53.338, 143.296
Yxy	21.9746, 0.2953, 0.4915
Android (android.graphics.Color)	4282028615 (0xFF3A9247)
YUV	111.1380, -19.7880, -46.6020
Hunter-Lab	46.8770, -31.7530, 20.7557

Details

The CIELCh color **54, 53.338, 143.296** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **39, 52.650, 332.390**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 53.440, 143.233**, and **34, 51.362, 140.930** is the 20% darker color. If you saturate the color by 10%, you get **53, 60.621, 141.929**, and if you desaturate by 10%, it is **55, 45.277, 144.538**.

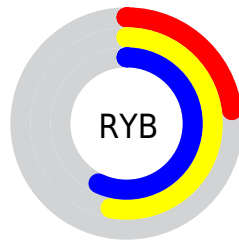
Distribution



Red (23%)

Green (57%)

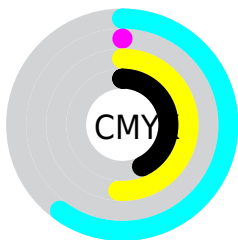
Blue (28%)



Red (23%)

Yellow (53%)

Blue (57%)

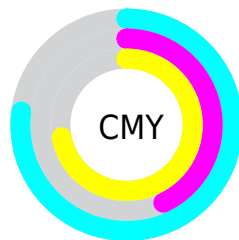


Cyan (60%)

Magenta (0%)

Yellow (51%)

Black (43%)



Cyan (77%)


Magenta (43%)


Yellow (72%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 53.338, 143.296 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, 53.338, 143.296 by changing the saturation by 10% instead.


 54, 53.338,
143.296

 54, 53.338,
143.296


 100, 53.338,
143.296

 44, 53.338,
143.296


 74, 53.338,
143.296

 34, 53.338,
143.296

 84, 53.338,
143.296

 24, 53.338,
143.296

 94, 53.338,
143.296

 14, 53.338,
143.296

 4, 53.338, 143.296

 0, 53.338, 143.296

■ 54, 53.338,
143.296

■ 54, 53.338,
143.296

■ 53, 60.621,
141.929

■ 55, 45.277,
144.538

■ 53, 66.901,
140.483

■ 56, 36.656,
145.639

■ 53, 71.966,
139.039

■ 57, 27.675,
146.599

■ 53, 75.702,
137.843

■ 58, 18.509,
147.432

■ 59, 9.302, 148.157

■ 61, 0.165, 150.163

■ 62, 8.820, 329.250

■ 64, 17.596,
329.723

■ 66, 26.126,
330.127

Harmonies

Complementary

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



54, 53.338, 143.296



39, 52.650, 332.390

Rectangle

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



54, 53.338, 143.296



54, 53.338, 193.296



54, 53.338, 323.296



54, 53.338, 13.296

Sweetspot

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



54, 53.339, 143.296



74, 20.537, 147.570



58, 47.296, 111.148



39, 14.393, 147.364



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, 53.339, 143.296



68, 76.616, 141.454



55, 35.625, 164.784



31, 5.203, 148.224



50, 72.340, 137.924



2, 4.534, 148.760

Inverse Universe

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



39, 52.650, 332.390



48, 74.073, 333.218



38, 40.383, 359.660



29, 5.216, 329.263



31, 65.306, 334.931



1, 4.535, 328.754

Previews

White Background



This preview shows how the CIE LCh color 54, 53.338, 143.296 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, 53.338, 143.296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

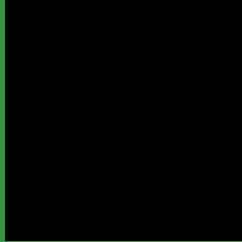
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 53.338, 143.296

Background



This preview shows how black text looks on a background with the CIELCh color 54, 53.338, 143.296.



This preview shows how white text looks on a background with the CIELCh color 54, 53.338, 143.296.

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, 53.338, 143.296

Protanopia

54, 35.918, 95.306

Deuteranopia

54, 30.486, 75.959



Tritanopia
54, 20.287, 216.055

Trichromacy



Original Color
54, 53.338, 143.296



Protanomaly
53, 39.068, 120.631



Deuteranomaly
53, 31.876, 115.044



Tritanomaly
54, 27.455, 171.825

Monochromacy



Original Color
54, 53.338, 143.296



Achromatopsia
47, 0.006, 296.813



Achromatomaly
49, 20.556, 147.293

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 53.338, 143.296 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(58, 146, 71)` looks like.

```
.text, #text, p{  
    color:rgb(58, 146, 71)  
}
```

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(58, 146, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 146, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 53.338, 143.296 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(58, 146, 71) }
```

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

```
.border{ border-color:rgb(58, 146, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 146, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 146, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 146, 71);  
box-shadow:4px 4px 4px 4px rgb(58, 146,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 53.338, 143.296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 146, 71) }
```

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

```
.background{ background-color: rgb(58, 146,  
71) }
```

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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