

Converting Colors

CIELCh(54, 58.915, 141.997)

Have a look what the booklet for
CIELCh(54, 58.915, 141.997)
contains.

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Color

CIELCh(54, 58.858, 141.843)

Conversions

Conversions Part 1

Format	Color
Hex	32933E
RGB	50, 147, 62
RGB Percent	20%, 58%, 24%
CMY	0.8028, 0.4226, 0.7560
CMYK	0.66, 0.00, 0.58, 0.42
HSL	127°, 49%, 39%
HSV	127°, 66%, 58%
XYZ	12.6739, 21.9746, 8.1612
YIQ	108.3070, -30.5270, -46.9990

Conversions

Conversions Part 2

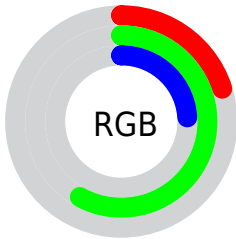
Format	Color
RYB	50, 136, 147
Decimal	3314494
CIELab	54.00, -46.28, 36.36
CIElCh	54, 58.858, 141.843
Yxy	21.9746, 0.2961, 0.5133
Android (android.graphics.Color)	4281504574 (0xFF32933E)
YUV	108.3070, -22.8294, -51.1352
Hunter-Lab	46.8770, -33.7747, 22.4916

Details

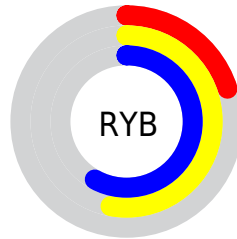
The CIELCh color $54, 58.858, 141.843$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $38, 57.667, 331.802$, and the grayscale version is $46, 0.006, 296.813$.

A 20% lighter version of the original color is $74, 58.936, 141.842$, and $34, 55.446, 137.990$ is the 20% darker color. If you saturate the color by 10%, you get $54, 65.676, 140.469$, and if you desaturate by 10%, it is $55, 51.074, 143.133$.

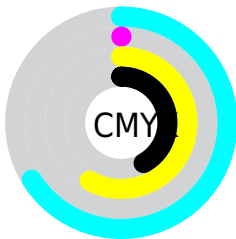
Distribution



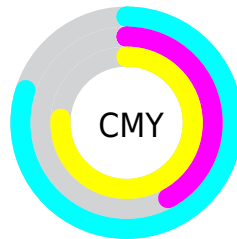
- Red (20%)
- Green (58%)
- Blue (24%)



- Red (20%)
- Yellow (53%)
- Blue (58%)



- Cyan (66%)
- Magenta (0%)
- Yellow (58%)
- Black (42%)





- Cyan (80%)
- Magenta (42%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 58.858, 141.843 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, 58.858, 141.843 by changing the saturation by 10% instead.


 54, 58.858,
141.843


 54, 58.858,
141.843

 100, 58.858,
141.843


 44, 58.858,
141.843


 74, 58.858,
141.843

 34, 58.858,
141.843

 84, 58.858,
141.843

 24, 58.858,
141.843

 94, 58.858,
141.843

 14, 58.858,
141.843

 4, 58.858, 141.843

 0, 58.858, 141.843

■ 54, 58.858,
141.843

■ 54, 58.858,
141.843

■ 54, 65.676,
140.469

■ 55, 51.074,
143.133

■ 53, 71.281,
139.085

■ 55, 42.567,
144.299

■ 53, 75.472,
137.821

■ 56, 33.566,
145.328

■ 53, 76.843,
137.439

■ 57, 24.273,
146.222

■ 59, 14.856,
146.997

■ 60, 5.452, 147.684

■ 62, 3.840, 328.150

■ 63, 12.945,
328.681

■ 65, 21.815,
329.111

Harmonies

Complementary

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



54, 58.858, 141.843



38, 57.667, 331.802

Rectangle

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



54, 58.858, 141.843



54, 58.858, 191.843



54, 58.858, 321.843



54, 58.858, 11.843

Sweetspot

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



54, 58.858, 141.843



74, 23.230, 146.658



58, 51.185, 110.069



39, 15.980, 146.458



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, 58.858, 141.843



68, 83.100, 139.805



55, 39.103, 162.834



31, 5.294, 147.458



50, 73.044, 137.520



2, 4.613, 147.987

Inverse Universe

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



38, 57.667, 331.802



46, 79.235, 332.624



36, 44.073, 359.769



29, 5.306, 328.482



31, 66.516, 333.680



1, 4.613, 327.982

Previews

White Background



This preview shows how the CIELCh color 54, 58.858, 141.843 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, 58.858, 141.843 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, 58.858, 141.843

Background



This preview shows how black text looks on a background with the CIELCh color 54, 58.858, 141.843.



This preview shows how white text looks on a background with the CIELCh color 54, 58.858, 141.843.

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, 58.858, 141.843

Protanopia

53, 40.414, 95.791

Deuteranopia

54, 34.678, 78.197



Tritanopia
54, 21.005, 215.347

Trichromacy



Original Color
54, 58.858, 141.843

Protanomaly
53, 43.762, 120.347

Deuteranomaly
52, 36.184, 114.976

Tritanomaly
53, 29.962, 168.926

Monochromacy



Original Color
54, 58.858, 141.843

Achromatopsia
46, 0.006, 296.813

Achromatomaly
48, 23.198, 145.776

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 58.858, 141.843 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(50, 147, 62)` looks like.

```
.text, #text, p{  
    color:rgb(50, 147, 62)  
}
```

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(50, 147, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 147, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 58.858, 141.843 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(50, 147, 62) }
```

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

```
.border{ border-color:rgb(50, 147, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 147, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 147, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 147, 62);  
box-shadow:4px 4px 4px 4px rgb(50, 147,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 58.858, 141.843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 147, 62) }
```

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

```
.background{ background-color: rgb(50, 147,  
62) }
```

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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