

Converting Colors

CIELCh(54, 59.149, 138.268)

Have a look what the booklet for
CIELCh(54, 59.149, 138.268)
contains.

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Color

CIELCh(54, 58.995, 138.258)

Conversions

Conversions Part 1

Format	Color
Hex	3D9238
RGB	61, 146, 56
RGB Percent	24%, 57%, 22%
CMY	0.7591, 0.4259, 0.7789
CMYK	0.58, 0.00, 0.61, 0.43
HSL	117°, 44%, 40%
HSV	117°, 61%, 57%
XYZ	13.0136, 21.9746, 7.3441
YIQ	110.3250, -21.7700, -46.0100

Conversions

Conversions Part 2

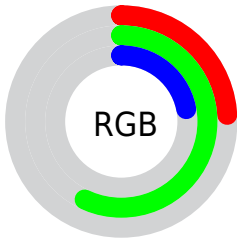
Format	Color
RYB	56, 146, 141
Decimal	4035128
CIELab	54.00, -44.02, 39.28
CIELCh	54, 58.995, 138.258
Yxy	21.9746, 0.3074, 0.5191
Android (android.graphics.Color)	4282225208 (0xFF3D9238)
YUV	110.3250, -26.7822, -43.2580
Hunter-Lab	46.8770, -32.4812, 23.5251

Details

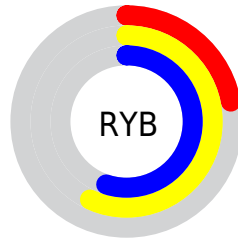
The CIELCh color **54, 58.995, 138.258** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **39, 58.756, 325.689**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 59.204, 138.163**, and **34, 57.196, 136.394** is the 20% darker color. If you saturate the color by 10%, you get **53, 66.444, 137.338**, and if you desaturate by 10%, it is **55, 50.459, 139.212**.

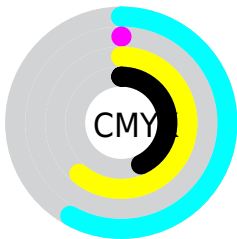
Distribution



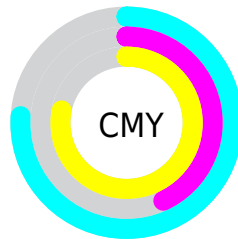
- Red (24%)
- Green (57%)
- Blue (22%)



- Red (22%)
- Yellow (57%)
- Blue (55%)



- Cyan (58%)
- Magenta (0%)
- Yellow (61%)
- Black (43%)





- Cyan (76%)
- Magenta (43%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 58.995, 138.258 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, 58.995, 138.258 by changing the saturation by 10% instead.


 54, 58.995,
138.258

 54, 58.995,
138.258


 100, 58.995,
138.258

 44, 58.995,
138.258


 74, 58.995,
138.258

 34, 58.995,
138.258

 84, 58.995,
138.258

 24, 58.995,
138.258

 94, 58.995,
138.258

 14, 58.995,
138.258

 4, 58.995, 138.258

 0, 58.995, 138.258

■ 54, 58.995,
138.258

■ 54, 58.995,
138.258

■ 53, 66.444,
137.338

■ 55, 50.459,
139.212

■ 53, 72.411,
136.562

■ 56, 41.181,
140.122

■ 53, 76.536,
136.060

■ 57, 31.445,
140.951

■ 53, 78.870,
135.708

■ 58, 21.475,
141.685

■ 59, 11.442,
142.328

■ 60, 1.473, 142.987

■ 62, 8.340, 323.296

■ 64, 17.934,
323.704

■ 66, 27.272,
324.044

Harmonies

Complementary

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



54, 58.995, 138.258



39, 58.756, 325.689

Rectangle

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



54, 58.995, 138.258



54, 58.995, 188.258



54, 58.995, 318.258



54, 58.995, 8.258

Sweetspot

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



54, 58.995, 138.259



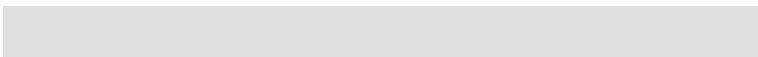
74, 22.345, 141.895



57, 45.367, 101.297



39, 15.660, 141.715



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, 58.995, 138.259



68, 84.121, 136.999



54, 43.484, 153.673



31, 5.661, 142.464



50, 75.407, 135.684



2, 4.933, 142.931

Inverse Universe

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



39, 58.756, 325.689



47, 83.016, 326.016



38, 44.792, 346.470



29, 5.675, 323.366



31, 73.305, 326.082



1, 4.934, 322.927

Previews

White Background



This preview shows how the CIE LCh color 54, 58.995, 138.258 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, 58.995, 138.258 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, 58.995, 138.258

Background



This preview shows how black text looks on a background with the CIELCh color 54, 58.995, 138.258.



This preview shows how white text looks on a background with the CIELCh color 54, 58.995, 138.258.

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, 58.995, 138.258

Protanopia

54, 43.242, 96.039

Deuteranopia

54, 37.357, 79.012



Tritanopia
54, 19.043, 217.425

Trichromacy



Original Color
54, 58.995, 138.258

Protanomaly
53, 45.603, 117.278

Deuteranomaly
53, 38.903, 110.689

Tritanomaly
53, 27.938, 165.592

Monochromacy



Original Color
54, 58.995, 138.258

Achromatopsia
47, 0.006, 296.813

Achromatomaly
49, 23.181, 141.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 58.995, 138.258 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(61, 146, 56)` looks like.

```
.text, #text, p{  
    color:rgb(61, 146, 56)  
}
```

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(61, 146, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 146, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 58.995, 138.258 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(61, 146, 56) }
```

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

```
.border{ border-color:rgb(61, 146, 56) }
```

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

Here you see how a box with a 4 pixel rgb(61, 146, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 146, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 146, 56);  
box-shadow:4px 4px 4px 4px rgb(61, 146,  
56) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 58.995, 138.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 146, 56) }
```

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

```
.background{ background-color: rgb(61, 146,  
56) }
```

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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