

Converting Colors

CIELCh(59, 54.798, 138.288)

Have a look what the booklet for
CIELCh(59, 54.798, 138.288)
contains.

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Color

CIELCh(59, 54.796, 138.483)

Conversions

Conversions Part 1

Format	Color
Hex	529F4B
RGB	82, 159, 75
RGB Percent	32%, 62%, 29%
CMY	0.6791, 0.3771, 0.7065
CMYK	0.48, 0.00, 0.53, 0.38
HSL	115°, 36%, 46%
HSV	115°, 53%, 62%
XYZ	17.0968, 27.0277, 10.9438
YIQ	126.4010, -18.9280, -42.4480

Conversions

Conversions Part 2

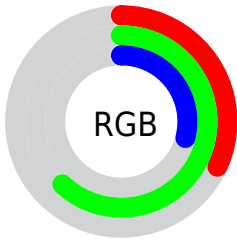
Format	Color
R_{YB}	75, 159, 152
Decimal	5414731
CIE _{Lab}	59.00, -41.03, 36.32
CIE _{LCh}	59, 54.796, 138.483
Yxy	27.0277, 0.3105, 0.4908
Android (android.graphics.Color)	4283604811 (0xFF529F4B)
YUV	126.4010, -25.3407, -38.9397
Hunter-Lab	51.9882, -32.2779, 23.9109

Details

The CIELCh color **59, 54.796, 138.483** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **44, 54.948, 324.589**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 54.404, 138.424**, and **39, 54.940, 138.401** is the 20% darker color. If you saturate the color by 10%, you get **58, 63.731, 137.591**, and if you desaturate by 10%, it is **60, 45.038, 139.357**.

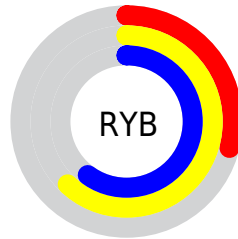
Distribution



Red (32%)

Green (62%)

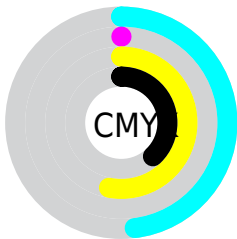
Blue (29%)



Red (29%)

Yellow (62%)

Blue (60%)

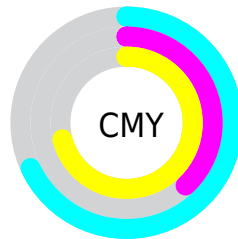


Cyan (48%)

Magenta (0%)

Yellow (53%)

Black (38%)



Cyan (68%)

Magenta (38%)


Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 54.796, 138.483 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 59, 54.796, 138.483 by changing the saturation by 10% instead.


 59, 54.796,
138.483

 59, 54.796,
138.483


 100, 54.796,
138.483

 49, 54.796,
138.483

 79, 54.796,
138.483

 39, 54.796,
138.483

 89, 54.796,
138.483

 29, 54.796,
138.483

 99, 54.796,
138.483

 19, 54.796,
138.483

 9, 54.796, 138.483

 0, 54.796, 138.483

■ 59, 54.796,
138.483

■ 59, 54.796,
138.483

■ 58, 63.731,
137.591

■ 60, 45.038,
139.357

■ 58, 71.457,
136.763

■ 61, 34.766,
140.164

■ 57, 77.547,
136.120

■ 62, 24.222,
140.885

■ 57, 81.630,
135.783

■ 63, 13.591,
141.519

■ 57, 83.592,
135.593

■ 65, 3.013, 142.112

■ 67, 7.415, 322.481

■ 68, 17.625,
322.891

■ 70, 27.573,
323.231

■ 72, 37.234,
323.517

Harmonies

Complementary

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



59, 54.796, 138.483



44, 54.948, 324.589

Rectangle

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



59, 54.796, 138.483



59, 54.796, 188.483



59, 54.796, 318.483



59, 54.796, 8.483

Sweetspot

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



59, 54.797, 138.484



80, 20.947, 141.311



62, 41.748, 101.188



42, 14.264, 141.190



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59, 54.797, 138.484



74, 78.795, 137.475



59, 41.218, 154.113



33, 5.932, 141.732



51, 77.278, 135.542



3, 7.746, 142.307

Inverse Universe

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



44, 54.948, 324.589



53, 78.642, 324.933



44, 42.442, 344.371



31, 5.950, 322.614



31, 75.425, 325.061



1, 7.694, 321.685

Previews

White Background



This preview shows how the CIELCh color 59, 54.796, 138.483 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 59, 54.796, 138.483 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 59, 54.796, 138.483

Background



This preview shows how black text looks on a background with the CIELCh color 59, 54.796, 138.483.



This preview shows how white text looks on a background with the CIELCh color 59, 54.796, 138.483.

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
59, 54.796, 138.483

Protanopia
59, 40.114, 95.676

Deuteranopia
59, 35.013, 77.786



Tritanopia
59, 17.991, 222.436

Trichromacy



Original Color
59, 54.796, 138.483

Protanomaly
58, 42.074, 116.273

Deuteranomaly
58, 35.851, 109.524

Tritanomaly
59, 25.685, 166.529

Monochromacy



Original Color
59, 54.796, 138.483

Achromatopsia
53, 0.007, 296.813

Achromatomaly
55, 21.107, 140.572

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 54.796, 138.483 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(82, 159, 75)` looks like.

```
.text, #text, p{  
    color:rgb(82, 159, 75)  
}
```

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(82, 159, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 159, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 54.796, 138.483 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(82, 159, 75) }
```

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

```
.border{ border-color:rgb(82, 159, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 159, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 159, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 159, 75);  
box-shadow:4px 4px 4px 4px rgb(82, 159,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 54.796, 138.483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 159, 75) }
```

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

```
.background{ background-color: rgb(82, 159,  
75) }
```

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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