

Converting Colors

CIELCh(54, 36.847, 159.464)

Have a look what the booklet for
CIELCh(54, 36.847, 159.464)
contains.

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Color

CIELCh(54, 36.663, 159.539)

Conversions

Conversions Part 1

Format	Color
Hex	3E906A
RGB	62, 144, 106
RGB Percent	24%, 56%, 42%
CMY	0.7573, 0.4357, 0.5847
CMYK	0.57, 0.00, 0.26, 0.44
HSL	152°, 40%, 40%
HSV	152°, 57%, 56%
XYZ	14.5341, 21.9746, 17.0849
YIQ	115.1500, -36.6740, -29.2020

Conversions

Conversions Part 2

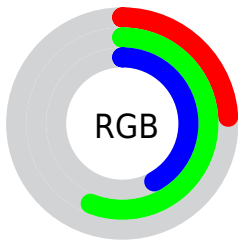
Format	Color
R _Y B	62, 115, 144
Decimal	4100202
CIE Lab	54.00, -34.35, 12.82
CIE LCh	54, 36.663, 159.539
Yxy	21.9746, 0.2712, 0.4100
Android (android.graphics.Color)	4282290282 (0xFF3E906A)
YUV	115.1500, -4.5109, -46.6125
Hunter-Lab	46.8770, -26.6915, 11.2049

Details

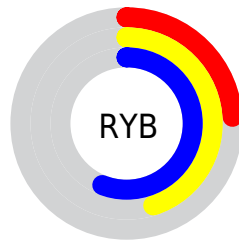
The CIELCh color **54, 36.663, 159.539** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **38, 39.341, 352.250**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 36.650, 159.543**, and **34, 35.594, 158.694** is the 20% darker color. If you saturate the color by 10%, you get **53, 41.966, 157.982**, and if you desaturate by 10%, it is **55, 30.862, 160.919**.

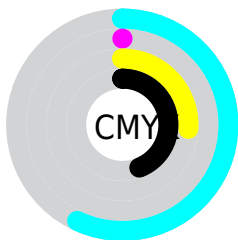
Distribution



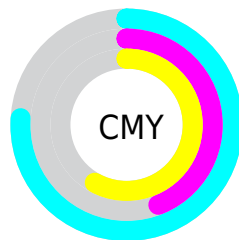
- Red (24%)
- Green (56%)
- Blue (42%)



- Red (24%)
- Yellow (45%)
- Blue (56%)



- Cyan (57%)
- Magenta (0%)
- Yellow (26%)
- Black (44%)





- Cyan (76%)
- Magenta (44%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 36.663, 159.539 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, 36.663, 159.539 by changing the saturation by 10% instead.


 54, 36.663,
159.539


 54, 36.663,
159.539


 100, 36.663,
159.539

 44, 36.663,
159.539


 74, 36.663,
159.539

 34, 36.663,
159.539

 84, 36.663,
159.539

 24, 36.663,
159.539

 94, 36.663,
159.539

 14, 36.663,
159.539

 4, 36.663, 159.539

 0, 36.663, 159.539

■ 54, 36.663,
159.539

■ 54, 36.663,
159.539

■ 53, 41.966,
157.982

■ 55, 30.862,
160.919

■ 53, 46.691,
156.231

■ 56, 24.663,
162.147

■ 53, 50.799,
154.278

■ 57, 18.174,
163.245

■ 52, 54.350,
152.170

■ 58, 11.499,
164.238

■ 52, 55.386,
151.566

■ 59, 4.734, 165.168

■ 60, 2.044, 345.750

■ 62, 8.773, 346.621

■ 63, 15.403,
347.329

■ 65, 21.903,
347.980

Harmonies

Complementary

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



54, 36.663, 159.539



38, 39.341, 352.250

Rectangle

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



54, 36.663, 159.539



54, 36.663, 209.539



54, 36.663, 339.539



54, 36.663, 29.539

Sweetspot

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



54, 36.664, 159.538



73, 14.196, 164.203



55, 48.409, 127.728



38, 9.564, 164.035



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



54, 36.664, 159.538



68, 52.174, 157.578



54, 24.809, 200.769



30, 3.802, 164.965



49, 52.767, 151.711



2, 2.573, 165.682

Inverse Universe

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



38, 39.341, 352.250



46, 55.873, 354.722



38, 37.831, 28.282



28, 3.856, 346.391



28, 52.727, 4.212



1, 2.574, 345.672

Previews

White Background



This preview shows how the CIE LCh color 54, 36.663, 159.539 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, 36.663, 159.539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

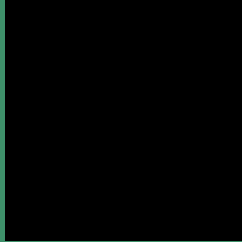
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 36.663, 159.539

Background



This preview shows how black text looks on a background with the CIELCh color 54, 36.663, 159.539.



This preview shows how white text looks on a background with the CIELCh color 54, 36.663, 159.539.

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, 36.663, 159.539

Protanopia

54, 17.069, 94.877

Deuteranopia

54, 12.765, 58.952



Tritanopia
54, 21.005, 215.347

Trichromacy



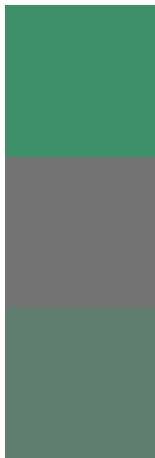
Original Color
54, 36.663, 159.539

Protanomaly
53, 20.876, 136.190

Deuteranomaly
53, 14.107, 134.449

Tritanomaly
54, 24.031, 187.317

Monochromacy



Original Color
54, 36.663, 159.539

Achromatopsia
48, 0.006, 296.813

Achromatomaly
50, 14.451, 163.416

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 36.663, 159.539 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(62, 144, 106)` looks like.

```
.text, #text, p{  
    color:rgb(62, 144, 106)  
}
```

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(62, 144, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 144, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 36.663, 159.539 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(62, 144, 106) }
```

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

```
.border{ border-color:rgb(62, 144, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 144, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 144, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 144, 106);  
box-shadow:4px 4px 4px 4px rgb(62, 144,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 36.663, 159.539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 144, 106) }
```

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

```
.background{ background-color: rgb(62, 144,  
106) }
```

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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