

Converting Colors

CIELCh(54, 36.672, 161.618)

Have a look what the booklet for
CIELCh(54, 36.672, 161.618)
contains.

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Color

CIELCh(54, 36.673, 161.665)

Conversions

Conversions Part 1

Format	Color
Hex	3A906C
RGB	58, 144, 108
RGB Percent	23%, 56%, 42%
CMY	0.7720, 0.4348, 0.5760
CMYK	0.60, 0.00, 0.25, 0.43
HSL	155°, 43%, 40%
HSV	155°, 60%, 57%
XYZ	14.4590, 21.9746, 17.7003
YIQ	114.1820, -39.7000, -29.4280

Conversions

Conversions Part 2

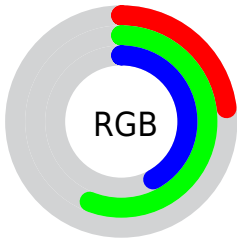
Format	Color
RYB	58, 112, 144
Decimal	3838060
CIELab	54.00, -34.81, 11.54
CIELCh	54, 36.673, 161.665
Yxy	21.9746, 0.2671, 0.4059
Android (android.graphics.Color)	4282028140 (0xFF3A906C)
YUV	114.1820, -3.0477, -49.2716
Hunter-Lab	46.8770, -26.9775, 10.4266

Details

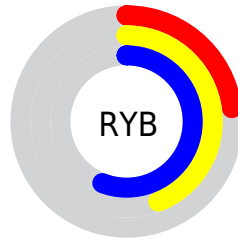
The CIELCh color $54, 36.673, 161.665$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $37, 40.279, 355.792$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $74, 36.627, 161.548$, and $34, 35.156, 159.426$ is the 20% darker color. If you saturate the color by 10%, you get $53, 41.540, 160.063$, and if you desaturate by 10%, it is $55, 31.279, 163.089$.

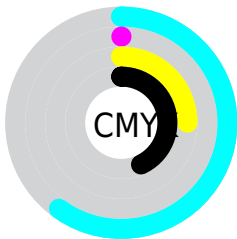
Distribution



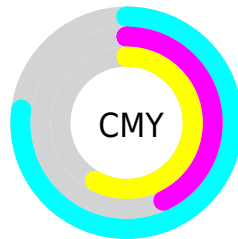
- Red (23%)
- Green (56%)
- Blue (42%)



- Red (23%)
- Yellow (44%)
- Blue (56%)



- Cyan (60%)
- Magenta (0%)
- Yellow (25%)
- Black (43%)



- Cyan (77%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 36.673, 161.665 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, 36.673, 161.665 by changing the saturation by 10% instead.

 54, 36.673,
161.665

 54, 36.673,
161.665

 100, 36.673,
161.665

 44, 36.673,
161.665


 74, 36.673,
161.665

 34, 36.673,
161.665

 84, 36.673,
161.665

 24, 36.673,
161.665

 94, 36.673,
161.665

 14, 36.673,
161.665

 4, 36.673, 161.665

 0, 36.673, 161.665

■ 54, 36.673,
161.665

■ 54, 36.673,
161.665

■ 53, 41.540,
160.063

■ 55, 31.279,
163.089

■ 53, 45.816,
158.268

■ 55, 25.447,
164.360

■ 53, 49.480,
156.271

■ 56, 19.281,
165.501

■ 53, 52.691,
154.184

■ 57, 12.885,
166.537

■ 53, 52.799,
154.117

■ 59, 6.355, 167.497

■ 60, 0.228, 346.801

■ 61, 6.796, 349.041

■ 63, 13.296,
349.803

■ 64, 19.691,
350.501

Harmonies

Complementary

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



54, 36.673, 161.665



37, 40.279, 355.792

Rectangle

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



54, 36.673, 161.665



54, 36.673, 211.665



54, 36.673, 341.665



54, 36.673, 31.665

Sweetspot

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



54, 36.674, 161.664



73, 14.545, 166.664



55, 50.991, 128.760



38, 10.171, 166.402



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, 36.674, 161.664



68, 52.210, 159.403



53, 24.748, 204.893



30, 3.686, 167.544



49, 50.247, 154.265



2, 2.498, 168.281

Inverse Universe

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



37, 40.279, 355.792



44, 57.382, 359.042



38, 39.015, 30.861



28, 3.748, 349.014



28, 52.703, 8.418



1, 2.498, 348.270

Previews

White Background



This preview shows how the CIELCh color 54, 36.673, 161.665 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, 36.673, 161.665 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, 36.673, 161.665

Background



This preview shows how black text looks on a background with the CIELCh color 54, 36.673, 161.665.

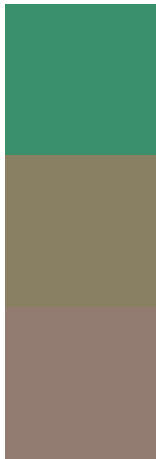


This preview shows how white text looks on a background with the CIELCh color 54, 36.673, 161.665.

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, 36.673, 161.665

Protanopia

54, 16.514, 94.529

Deuteranopia

54, 11.301, 53.990



Tritanopia
54, 21.939, 214.475

Trichromacy



Original Color
54, 36.673, 161.665

Protanomaly
53, 20.789, 138.786

Deuteranomaly
53, 13.488, 139.553

Tritanomaly
54, 24.811, 188.932

Monochromacy



Original Color
54, 36.673, 161.665

Achromatopsia
48, 0.006, 296.813

Achromatomaly
50, 14.422, 166.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 36.673, 161.665 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, 144, 108)` looks like.

```
.text, #text, p{  
    color:rgb(58, 144, 108)  
}
```

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, 144, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 144, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 36.673, 161.665 is called "border". The border property can be set on classes, ids or directly on the HTML element.

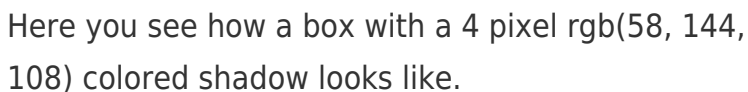
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(58, 144, 108) }
```

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

```
.border{ border-color:rgb(58, 144, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(58, 144, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 144, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 144, 108);  
box-shadow:4px 4px 4px 4px rgb(58, 144,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 36.673, 161.665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 144, 108) }
```

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

```
.background{ background-color: rgb(58, 144,  
108) }
```

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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