

Converting Colors

CIELCh(57, 38.431, 153.756)

Have a look what the booklet for
CIELCh(57, 38.431, 153.756)
contains.

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Color

CIELCh(57, 38.487, 153.555)

Conversions

Conversions Part 1

Format	Color
Hex	4C986A
RGB	76, 152, 106
RGB Percent	30%, 60%, 42%
CMY	0.7031, 0.4050, 0.5854
CMYK	0.50, 0.00, 0.30, 0.41
HSL	144°, 33%, 45%
HSV	144°, 50%, 59%
XYZ	16.7267, 24.9227, 17.4915
YIQ	124.0320, -30.5300, -30.4180

Conversions

Conversions Part 2

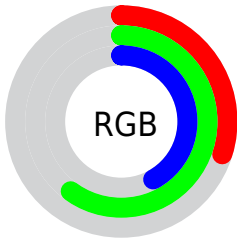
Format	Color
RYB	76, 130, 152
Decimal	5019754
CIELab	57.00, -34.46, 17.14
CIElCh	57, 38.487, 153.555
Yxy	24.9227, 0.2828, 0.4214
Android (android.graphics.Color)	4283209834 (0xFF4C986A)
YUV	124.0320, -8.8898, -42.1241
Hunter-Lab	49.9226, -27.5576, 14.1723

Details

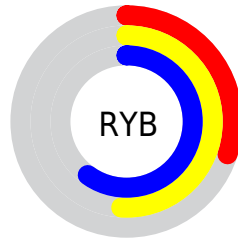
The CIELCh color **57, 38.487, 153.555** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **43, 39.456, 342.826**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 38.295, 153.667**, and **37, 38.518, 153.443** is the 20% darker color. If you saturate the color by 10%, you get **56, 45.330, 152.151**, and if you desaturate by 10%, it is **58, 31.196, 154.787**.

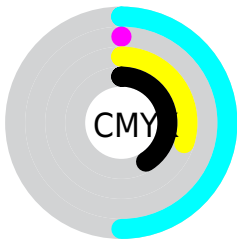
Distribution



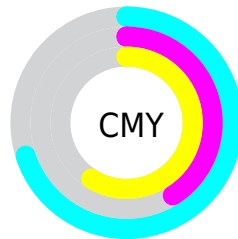
- Red (30%)
- Green (60%)
- Blue (42%)



- Red (30%)
- Yellow (51%)
- Blue (60%)



- Cyan (50%)
- Magenta (0%)
- Yellow (30%)
- Black (41%)





- Cyan (70%)
- Magenta (41%)
- Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 38.487, 153.555 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 57, 38.487, 153.555 by changing the saturation by 10% instead.


 57, 38.487,
153.555


 57, 38.487,
153.555


 100, 38.487,
153.555


 47, 38.487,
153.555


 77, 38.487,
153.555

 37, 38.487,
153.555

 87, 38.487,
153.555

 27, 38.487,
153.555

 97, 38.487,
153.555

 17, 38.487,
153.555

 7, 38.487, 153.555

 0, 38.487, 153.555

■ 57, 38.487,
153.555

■ 57, 38.487,
153.555

■ 56, 45.330,
152.151

■ 58, 31.196,
154.787

■ 56, 51.597,
150.559

■ 59, 23.588,
155.869

■ 55, 57.189,
148.772

■ 60, 15.793,
156.824

■ 55, 62.050,
146.804

■ 61, 7.921, 157.682

■ 55, 66.262,
144.820

■ 63, 0.068, 162.835

■ 64, 7.696, 339.022

■ 66, 15.315,
339.646

■ 68, 22.754,
340.203

■ 70, 29.988,
340.710

Harmonies

Complementary

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



57, 38.487, 153.555



43, 39.456, 342.826

Rectangle

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



57, 38.487, 153.555



57, 38.487, 203.555



57, 38.487, 333.555



57, 38.487, 23.555

Sweetspot

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



57, 38.488, 153.555



77, 14.544, 157.245



59, 43.161, 122.427



40, 10.003, 157.078



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



57, 38.488, 153.555



71, 55.715, 151.988



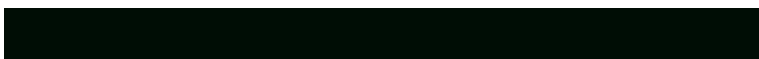
58, 25.915, 185.722



32, 4.464, 157.753



51, 62.342, 144.986



3, 4.844, 158.098

Inverse Universe

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



43, 39.456, 342.826



51, 56.753, 344.206



42, 34.030, 16.302



30, 4.499, 339.034



30, 56.363, 351.729



1, 4.786, 338.869

Previews

White Background



This preview shows how the CIELCh color 57, 38.487, 153.555 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 57, 38.487, 153.555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

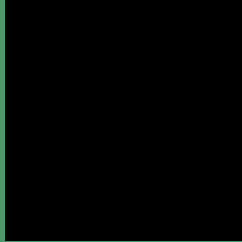
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 38.487, 153.555

Background



This preview shows how black text looks on a background with the CIELCh color 57, 38.487, 153.555.



This preview shows how white text looks on a background with the CIELCh color 57, 38.487, 153.555.

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
57, 38.487, 153.555

Protanopia
57, 21.376, 95.919

Deuteranopia
57, 16.788, 65.038



Tritanopia
57, 19.408, 218.689

Trichromacy



Original Color
57, 38.487, 153.555

Protanomaly
56, 24.887, 129.059

Deuteranomaly
56, 18.151, 122.697

Tritanomaly
57, 22.604, 184.044

Monochromacy



Original Color
57, 38.487, 153.555

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 14.860, 156.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 38.487, 153.555 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(76, 152, 106)` looks like.

```
.text, #text, p{  
    color:rgb(76, 152, 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(76, 152, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 152, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 38.487, 153.555 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(76, 152, 106) }
```

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

```
.border{ border-color:rgb(76, 152, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 152, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 152, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 152, 106);  
box-shadow:4px 4px 4px 4px rgb(76, 152,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 38.487, 153.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 152, 106) }
```

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

```
.background{ background-color: rgb(76, 152,  
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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