

Converting Colors

CIELCh(57, 35.942, 153.634)

Have a look what the booklet for
CIELCh(57, 35.942, 153.634)
contains.

CIELCh(57, 35.942, 153.634)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 35.942, 153.634)

Conversions

Conversions Part 1

Format	Color
Hex	51976C
RGB	81, 151, 108
RGB Percent	32%, 59%, 42%
CMY	0.6828, 0.4083, 0.5769
CMYK	0.46, 0.00, 0.28, 0.41
HSL	143°, 30%, 45%
HSV	143°, 46%, 59%
XYZ	17.1341, 24.9227, 18.0661
YIQ	125.1680, -27.9170, -28.2130

Conversions

Conversions Part 2

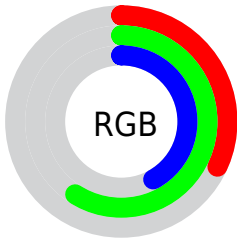
Format	Color
R_{YB}	81, 132, 151
Decimal	5347180
CIE _{Lab}	57.00, -32.20, 15.96
CIE _{LCh}	57, 35.942, 153.634
Yxy	24.9227, 0.2850, 0.4145
Android (android.graphics.Color)	4283537260 (0xFF51976C)
YUV	125.1680, -8.4638, -38.7353
Hunter-Lab	49.9226, -26.1008, 13.4898

Details

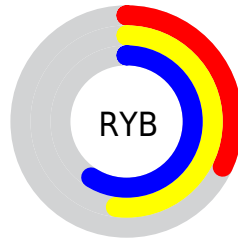
The CIELCh color $57, 35.942, 153.634$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $44, 36.794, 341.930$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 35.975, 153.812$, and $37, 35.867, 153.687$ is the 20% darker color. If you saturate the color by 10%, you get $56, 42.997, 152.301$, and if you desaturate by 10%, it is $58, 28.490, 154.802$.

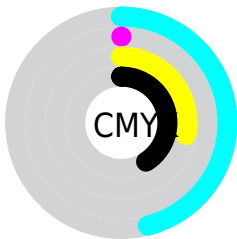
Distribution



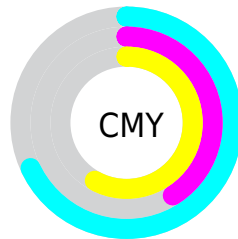
- Red (32%)
- Green (59%)
- Blue (42%)



- Red (32%)
- Yellow (52%)
- Blue (59%)



- Cyan (46%)
- Magenta (0%)
- Yellow (28%)
- Black (41%)





- Cyan (68%)
- Magenta (41%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 35.942, 153.634 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, 35.942, 153.634 by changing the saturation by 10% instead.


 57, 35.942,
153.634


 57, 35.942,
153.634


 100, 35.942,
153.634


 47, 35.942,
153.634


 77, 35.942,
153.634

 37, 35.942,
153.634

 87, 35.942,
153.634

 27, 35.942,
153.634

 97, 35.942,
153.634

 17, 35.942,
153.634

 7, 35.942, 153.634

 0, 35.942, 153.634

■ 57, 35.942,
153.634

■ 57, 35.942,
153.634

■ 56, 42.997,
152.301

■ 58, 28.490,
154.802

■ 56, 49.521,
150.786

■ 59, 20.772,
155.829

■ 55, 55.402,
149.078

■ 60, 12.913,
156.738

■ 55, 60.562,
147.183

■ 62, 5.018, 157.571

■ 55, 65.001,
145.157

■ 63, 2.828, 338.117

■ 65, 10.558,
338.832

■ 54, 66.508,
144.471

■ 66, 18.127,
339.420

■ 68, 25.503,
339.950

■ 70, 32.666,
340.434

Harmonies

Complementary

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



57, 35.942, 153.634



44, 36.794, 341.930

Rectangle

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



57, 35.942, 153.634



57, 35.942, 203.634



57, 35.942, 333.634



57, 35.942, 23.634

Sweetspot

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



57, 35.943, 153.634



77, 13.666, 156.918



59, 39.980, 122.586



40, 9.512, 156.747



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, 35.943, 153.634



72, 52.848, 152.196



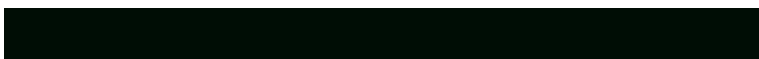
58, 24.272, 186.052



32, 4.495, 157.336



51, 62.839, 144.625



3, 4.875, 157.686

Inverse Universe

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



44, 36.794, 341.930



53, 53.896, 343.164



43, 31.167, 15.537



30, 4.528, 338.605



30, 56.609, 350.974



1, 4.817, 338.447

Previews

White Background



This preview shows how the CIE LCh color 57, 35.942, 153.634 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, 35.942, 153.634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

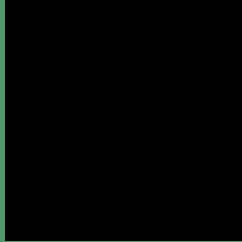
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 35.942, 153.634

Background



This preview shows how black text looks on a background with the CIELCh color 57, 35.942, 153.634.



This preview shows how white text looks on a background with the CIELCh color 57, 35.942, 153.634.

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, 35.942, 153.634

Protanopia
57, 20.280, 95.464

Deuteranopia
57, 15.619, 63.537



Tritanopia
57, 18.262, 218.189

Trichromacy



Original Color
57, 35.942, 153.634

Protanomaly
56, 22.368, 128.376

Deuteranomaly
56, 15.777, 122.014

Tritanomaly
57, 20.999, 184.789

Monochromacy



Original Color
57, 35.942, 153.634

Achromatopsia
52, 0.007, 296.813

Achromatomaly
54, 13.197, 157.199

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 35.942, 153.634 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(81, 151, 108)` looks like.

```
.text, #text, p{  
    color:rgb(81, 151, 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(81, 151, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 151, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 35.942, 153.634 is called "border". The border property can be set on classes, ids or directly on the HTML element.

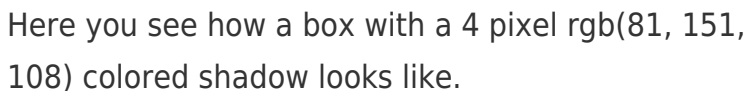
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(81, 151, 108) }
```

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

```
.border{ border-color:rgb(81, 151, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(81, 151, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 151, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 151, 108);  
box-shadow:4px 4px 4px 4px rgb(81, 151,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 35.942, 153.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 151, 108) }
```

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

```
.background{ background-color: rgb(81, 151,  
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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