

Converting Colors

CIELCh(51, 58.000, 142.408)

Have a look what the booklet for
CIELCh(51, 58.000, 142.408)
contains.

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Color

CIELCh(51, 57.815, 142.384)

Conversions

Conversions Part 1

Format	Color
Hex	298B39
RGB	41, 139, 57
RGB Percent	16%, 55%, 22%
CMY	0.8387, 0.4545, 0.7761
CMYK	0.70, 0.00, 0.59, 0.45
HSL	130°, 54%, 35%
HSV	130°, 70%, 55%
XYZ	10.9101, 19.2686, 7.0285
YIQ	100.3500, -32.0860, -46.2780

Conversions

Conversions Part 2

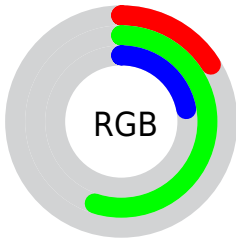
Format	Color
RYB	41, 125, 139
Decimal	2722617
CIELab	51.00, -45.80, 35.29
CIElCh	51, 57.815, 142.384
Yxy	19.2686, 0.2932, 0.5179
Android (android.graphics.Color)	4280912697 (0xFF298B39)
YUV	100.3500, -21.3715, -52.0499
Hunter-Lab	43.8960, -32.4528, 21.2339

Details

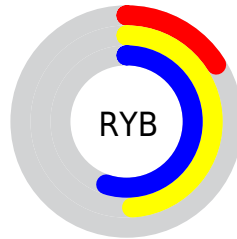
The CIELCh color **51, 57.815, 142.384** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **35, 56.256, 333.647**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 57.404, 142.560**, and **32, 53.466, 137.293** is the 20% darker color. If you saturate the color by 10%, you get **51, 63.842, 140.911**, and if you desaturate by 10%, it is **52, 50.868, 143.765**.

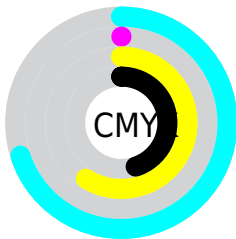
Distribution



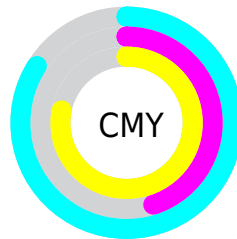
- Red (16%)
- Green (55%)
- Blue (22%)



- Red (16%)
- Yellow (49%)
- Blue (55%)



- Cyan (70%)
- Magenta (0%)
- Yellow (59%)
- Black (45%)





- Cyan (84%)
- Magenta (45%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 57.815, 142.384 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 51, 57.815, 142.384 by changing the saturation by 10% instead.


 51, 57.815,
142.384


 51, 57.815,
142.384


 100, 57.815,
142.384


 41, 57.815,
142.384


 71, 57.815,
142.384


 31, 57.815,
142.384


 81, 57.815,
142.384

 21, 57.815,
142.384

 91, 57.815,
142.384

 11, 57.815,
142.384

 1, 57.815, 142.384

 0, 57.815, 142.384

■ 51, 57.815,
142.384

■ 51, 57.815,
142.384

■ 51, 63.842,
140.911

■ 52, 50.868,
143.765

■ 50, 68.758,
139.420

■ 52, 43.200,
145.014

■ 50, 72.409,
138.195

■ 53, 35.011,
146.119

■ 54, 26.484,
147.082

■ 55, 17.783,
147.918

■ 56, 9.040, 148.648

■ 58, 0.360, 149.876

■ 59, 8.178, 329.750

■ 61, 16.522,
330.230

Harmonies

Complementary

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



51, 57.815, 142.384



35, 56.256, 333.647

Rectangle

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



51, 57.815, 142.384



51, 57.815, 192.384



51, 57.815, 322.384



51, 57.815, 12.384

Sweetspot

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



51, 57.815, 142.384



70, 22.674, 147.838



55, 51.743, 111.514



37, 15.472, 147.643



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



51, 57.815, 142.384



65, 81.478, 139.950



52, 38.082, 164.309



28, 4.848, 148.736



48, 69.814, 138.267



1, 2.242, 149.270

Inverse Universe

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



35, 56.256, 333.647



43, 76.157, 334.782



33, 44.158, 3.441



27, 4.861, 329.771



30, 62.834, 335.735



0, 2.243, 329.264

Previews

White Background



This preview shows how the CIE LCh color 51, 57.815, 142.384 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 51, 57.815, 142.384 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 51, 57.815, 142.384

Background



This preview shows how black text looks on a background with the CIELCh color 51, 57.815, 142.384.



This preview shows how white text looks on a background with the CIELCh color 51, 57.815, 142.384.

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
51, 57.815, 142.384

Protanopia
51, 39.055, 96.027

Deuteranopia
51, 33.555, 78.574



Tritanopia
51, 21.108, 213.673

Trichromacy



Original Color
51, 57.815, 142.384

Protanomaly
50, 42.824, 121.979

Deuteranomaly
50, 36.072, 116.414

Tritanomaly
51, 30.232, 168.772

Monochromacy



Original Color
51, 57.815, 142.384

Achromatopsia
42, 0.006, 296.813

Achromatomaly
45, 23.032, 146.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 57.815, 142.384 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(41, 139, 57)` looks like.

```
.text, #text, p{  
    color:rgb(41, 139, 57)  
}
```

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(41, 139, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 139, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 57.815, 142.384 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(41, 139, 57) }
```

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

```
.border{ border-color:rgb(41, 139, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 139, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 139, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 139, 57);  
box-shadow:4px 4px 4px 4px rgb(41, 139,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 57.815, 142.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 139, 57) }
```

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

```
.background{ background-color: rgb(41, 139,  
57) }
```

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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