

Converting Colors

CIELCh(53, 57.324, 116.212)

Have a look what the booklet for
CIELCh(53, 57.324, 116.212)
contains.

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Color

CIELCh(53, 57.154, 115.889)

Conversions

Conversions Part 1

Format	Color
Hex	6D8819
RGB	109, 136, 25
RGB Percent	43%, 53%, 10%
CMY	0.5712, 0.4654, 0.9003
CMYK	0.20, 0.00, 0.81, 0.47
HSL	75°, 69%, 32%
HSV	75°, 81%, 53%
XYZ	15.3791, 21.0462, 4.1947
YIQ	115.2730, 19.5390, -40.2450

Conversions

Conversions Part 2

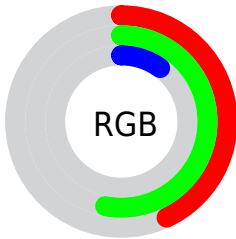
Format	Color
R_{YB}	25, 136, 52
Decimal	7178265
CIE Lab	53.00, -24.96, 51.42
CIE LCh	53, 57.154, 115.889
Yxy	21.0462, 0.3786, 0.5181
Android (android.graphics.Color)	4285368345 (0xFF6D8819)
YUV	115.2730, -44.5046, -5.5014
Hunter-Lab	45.8761, -20.4445, 26.6921

Details

The CIELCh color **53, 57.154, 115.889** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **21, 70.763, 306.934**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 56.776, 115.616**, and **33, 46.489, 120.450** is the 20% darker color. If you saturate the color by 10%, you get **53, 60.726, 116.238**, and if you desaturate by 10%, it is **53, 52.191, 115.894**.

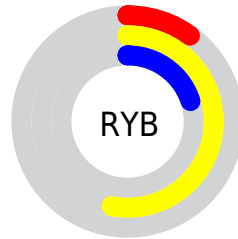
Distribution



Red (43%)

Green (53%)

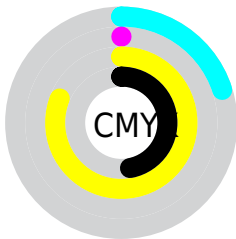
Blue (10%)



Red (10%)

Yellow (53%)

Blue (20%)

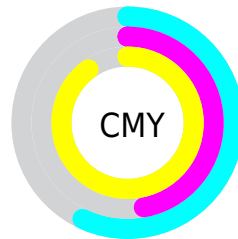


Cyan (20%)

Magenta (0%)

Yellow (81%)

Black (47%)



Cyan (57%)


Magenta (47%)


Yellow (90%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 57.154, 115.889 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 53, 57.154, 115.889 by changing the saturation by 10% instead.


 53, 57.154,
115.889

 53, 57.154,
115.889

 100, 57.154,
115.889


 43, 57.154,
115.889


 73, 57.154,
115.889

 33, 57.154,
115.889

 83, 57.154,
115.889

 23, 57.154,
115.889

 93, 57.154,
115.889

 13, 57.154,
115.889

 3, 57.154, 115.889

 0, 57.154, 115.889

■ 53, 57.154,
115.889

■ 53, 57.154,
115.889

■ 53, 60.726,
116.238

■ 53, 52.191,
115.894

■ 53, 63.036,
116.717

■ 54, 46.160,
116.157

■ 54, 39.384,
116.592

■ 55, 32.121,
117.132

■ 55, 24.553,
117.729

■ 56, 16.804,
118.349

■ 56, 8.956, 118.971

■ 57, 1.067, 119.595

Harmonies

Complementary

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



53, 57.154, 115.889



21, 70.763, 306.934

Rectangle

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



53, 57.154, 115.889



53, 57.154, 165.889



53, 57.154, 295.889



53, 57.154, 345.889

Sweetspot

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



53, 57.154, 115.891



71, 23.499, 118.150



33, 48.755, 44.235



37, 16.057, 117.958



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



53, 57.154, 115.891



67, 76.419, 116.851



50, 65.399, 133.027



29, 4.485, 119.106



51, 61.770, 116.684



1, 2.089, 119.655

Inverse Universe

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



21, 70.763, 306.934



23, 99.163, 307.634



28, 67.587, 319.242



27, 4.571, 300.234



15, 80.383, 307.887



0, 2.090, 299.655

Previews

White Background



This preview shows how the CIELCh color 53, 57.154, 115.889 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 53, 57.154, 115.889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

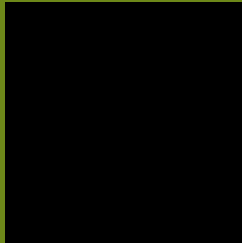
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 57.154, 115.889

Background



This preview shows how black text looks on a background with the CIELCh color 53, 57.154, 115.889.



This preview shows how white text looks on a background with the CIELCh color 53, 57.154, 115.889.

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

53, 57.154, 115.889

Protanopia

53, 53.391, 95.717

Deuteranopia

53, 50.421, 82.130



Tritanopia
53, 6.175, 269.202

Trichromacy



Original Color
53, 57.154, 115.889

Protanomaly
53, 53.667, 103.457

Deuteranomaly
53, 50.393, 95.610

Tritanomaly
52, 20.239, 123.562

Monochromacy



Original Color
53, 57.154, 115.889

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 23.328, 116.913

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 57.154, 115.889 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(109, 136, 25)` looks like.

```
.text, #text, p{  
    color:rgb(109, 136, 25)  
}
```

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(109, 136, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 136, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 57.154, 115.889 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(109, 136, 25) }
```

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

```
.border{ border-color:rgb(109, 136, 25) }
```

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

Here you see how a box with a 4 pixel rgb(109, 136, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 136, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 136, 25);  
box-shadow:4px 4px 4px 4px rgb(109, 136,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 57.154, 115.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 136, 25) }
```

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

```
.background{ background-color: rgb(109,  
136, 25) }
```

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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