

Converting Colors

CIELCh(57, 44.985, 144.489)

Have a look what the booklet for
CIELCh(57, 44.985, 144.489)
contains.

CIELCh(57, 45.186, 144.456)	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, 45.186, 144.456)

Conversions

Conversions Part 1

Format	Color
Hex	4F9859
RGB	79, 152, 89
RGB Percent	31%, 60%, 35%
CMY	0.6894, 0.4031, 0.6502
CMYK	0.48, 0.00, 0.41, 0.40
HSL	128°, 32%, 45%
HSV	128°, 48%, 60%
XYZ	16.3170, 24.9227, 13.4453
YIQ	122.9910, -23.2850, -35.0690

Conversions

Conversions Part 2

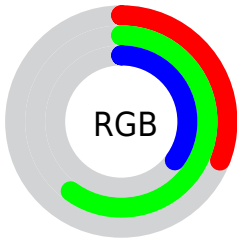
Format	Color
RYB	79, 143, 152
Decimal	5216345
CIELab	57.00, -36.77, 26.27
CIELCh	57, 45.186, 144.456
Yxy	24.9227, 0.2984, 0.4557
Android (android.graphics.Color)	4283406425 (0xFF4F9859)
YUV	122.9910, -16.7576, -38.5801
Hunter-Lab	49.9226, -29.0225, 18.9776

Details

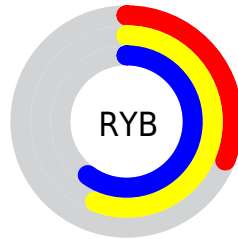
The CIELCh color $57, 45.186, 144.456$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $45, 45.037, 331.265$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 45.055, 144.407$, and $37, 45.019, 144.537$ is the 20% darker color. If you saturate the color by 10%, you get $56, 53.711, 143.246$, and if you desaturate by 10%, it is $58, 36.116, 145.525$.

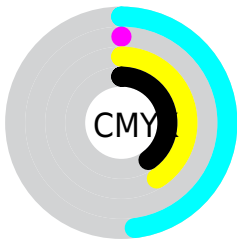
Distribution



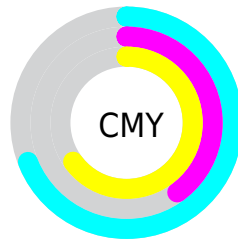
- Red (31%)
- Green (60%)
- Blue (35%)



- Red (31%)
- Yellow (56%)
- Blue (60%)



- Cyan (48%)
- Magenta (0%)
- Yellow (41%)
- Black (40%)





- Cyan (69%)
- Magenta (40%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 45.186, 144.456 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, 45.186, 144.456 by changing the saturation by 10% instead.


 57, 45.186,
144.456


 57, 45.186,
144.456


 100, 45.186,
144.456


 47, 45.186,
144.456


 77, 45.186,
144.456

 37, 45.186,
144.456

 87, 45.186,
144.456

 27, 45.186,
144.456

 97, 45.186,
144.456

 17, 45.186,
144.456

 7, 45.186, 144.456

 0, 45.186, 144.456

■ 57, 45.186,
144.456

■ 57, 45.186,
144.456

■ 56, 53.711,
143.246

■ 58, 36.116,
145.525

■ 56, 61.458,
141.911

■ 59, 26.708,
146.456

■ 55, 68.185,
140.492

■ 60, 17.140,
147.263

■ 55, 73.655,
139.070

■ 62, 7.558, 147.969

■ 55, 77.722,
137.806

■ 63, 1.930, 328.407

■ 55, 78.406,
137.615

■ 65, 11.241,
329.020

■ 67, 20.323,
329.471

■ 69, 29.141,
329.859

■ 71, 37.679,
330.197

Harmonies

Complementary

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



57, 45.186, 144.456



45, 45.037, 331.265

Rectangle

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



57, 45.186, 144.456



57, 45.186, 194.456



57, 45.186, 324.456



57, 45.186, 14.456

Sweetspot

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



57, 45.187, 144.456



78, 16.591, 147.532



61, 39.854, 111.873



40, 11.434, 147.388



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, 45.187, 144.456



72, 66.671, 143.091



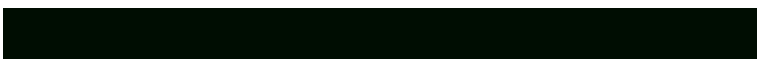
58, 30.313, 166.478



32, 5.393, 147.883



51, 73.676, 137.717



3, 5.817, 148.346

Inverse Universe

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



45, 45.037, 331.265



54, 65.854, 331.939



43, 33.687, 357.279



30, 5.406, 328.921



32, 66.702, 334.389



1, 5.758, 328.815

Previews

White Background



This preview shows how the CIELCh color 57, 45.186, 144.456 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 57, 45.186, 144.456 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, 45.186, 144.456

Background



This preview shows how black text looks on a background with the CIELCh color 57, 45.186, 144.456.



This preview shows how white text looks on a background with the CIELCh color 57, 45.186, 144.456.

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, 45.186, 144.456

Protanopia
57, 30.311, 95.484

Deuteranopia
57, 25.202, 73.229



Tritanopia
57, 17.862, 220.731

Trichromacy



Original Color
57, 45.186, 144.456

Protanomaly
56, 32.671, 120.197

Deuteranomaly
56, 25.979, 112.804

Tritanomaly
57, 22.718, 175.027

Monochromacy



Original Color
57, 45.186, 144.456

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 17.193, 147.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 45.186, 144.456 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(79, 152, 89)` looks like.

```
.text, #text, p{  
    color:rgb(79, 152, 89)  
}
```

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(79, 152, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 152, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 45.186, 144.456 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(79, 152, 89) }
```

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

```
.border{ border-color:rgb(79, 152, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 152, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 152, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 152, 89);  
box-shadow:4px 4px 4px 4px rgb(79, 152,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 45.186, 144.456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 152, 89) }
```

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

```
.background{ background-color: rgb(79, 152,  
89) }
```

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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