

Converting Colors

CIELCh(57, 5.845, 137.892)

Have a look what the booklet for
CIELCh(57, 5.845, 137.892) contains.

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Color

CIELCh(57, 5.845, 137.892)

Conversions

Conversions Part 1

Format	Color
Hex	848B82
RGB	132, 139, 130
RGB Percent	52%, 55%, 51%
CMY	0.4829, 0.4555, 0.4908
CMYK	0.05, 0.00, 0.06, 0.46
HSL	107°, 4%, 53%
HSV	107°, 6%, 54%
XYZ	22.7223, 24.9227, 24.6796
YIQ	135.8810, -1.2830, -4.2830

Conversions

Conversions Part 2

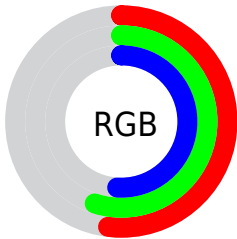
Format	Color
R_{YB}	130, 139, 137
Decimal	8686466
CIE Lab	57.00, -4.34, 3.92
CIE LCh	57, 5.845, 137.892
Yxy	24.9227, 0.3142, 0.3446
Android (android.graphics.Color)	4286876546 (0xFF848B82)
YUV	135.8810, -2.8993, -3.4036
Hunter-Lab	49.9226, -6.1201, 5.6353

Details

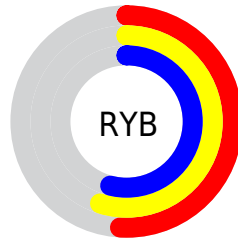
The CIELCh color $57, 5.845, 137.892$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55, 5.878, 318.390$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 5.500, 137.975$, and $37, 5.585, 136.950$ is the 20% darker color. If you saturate the color by 10%, you get $56, 14.940, 137.401$, and if you desaturate by 10%, it is $58, 3.163, 318.238$.

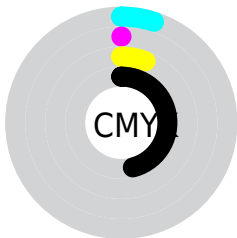
Distribution



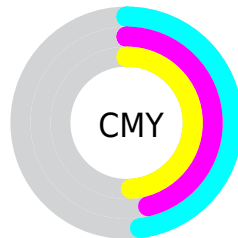
- Red (52%)
- Green (55%)
- Blue (51%)



- Red (51%)
- Yellow (55%)
- Blue (54%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (46%)



- Cyan (48%)
- Magenta (46%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 5.845, 137.892 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, 5.845, 137.892 by changing the saturation by 10% instead.

■ 57, 5.845, 137.892

■ 57, 5.845, 137.892

■ 100, 5.845,
137.892

■ 47, 5.845, 137.892

■ 77, 5.845, 137.892

■ 37, 5.845, 137.892

■ 87, 5.845, 137.892

■ 27, 5.845, 137.892

■ 97, 5.845, 137.892

■ 17, 5.845, 137.892

■ 7, 5.845, 137.892

■ 0, 5.845, 137.892

■ 57, 5.845, 137.892

■ 57, 5.845, 137.892

■ 56, 14.940,
137.401

■ 58, 3.163, 318.238

■ 60, 12.036,

■ 55, 24.041,
136.862

318.638

■ 54, 33.043,
136.273

■ 61, 20.733,
318.959

■ 53, 41.802,
135.649

■ 63, 29.232,
319.231

■ 52, 50.125,
135.027

■ 64, 37.519,
319.465

■ 52, 57.752,
134.466

■ 66, 45.587,
319.664

■ 51, 64.353,
134.063

■ 68, 53.437,
319.833

■ 51, 69.559,
133.933

■ 69, 61.071,
319.978

■ 50, 73.189,
134.117

■ 71, 68.497,
320.100

Harmonies

Complementary

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



57, 5.845, 137.892



55, 5.878, 318.390

Rectangle

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



57, 5.845, 137.892



57, 5.845, 187.892



57, 5.845, 317.892



57, 5.845, 7.892

Sweetspot

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



57, 5.847, 137.894



73, 2.229, 138.145



57, 4.001, 97.569



39, 1.277, 138.157



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



57, 5.847, 137.894



72, 8.971, 137.812



57, 5.191, 152.601



29, 5.064, 137.765



48, 71.837, 134.084



1, 2.345, 138.147

Inverse Universe

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



55, 5.878, 318.390



70, 9.022, 318.467



55, 5.212, 333.336



27, 5.094, 318.511



25, 72.646, 320.143



0, 2.345, 318.143

Previews

White Background



This preview shows how the CIELCh color 57, 5.845, 137.892 looks on a white background.

Color Contrast Check

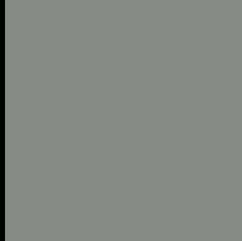
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.845, 137.892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

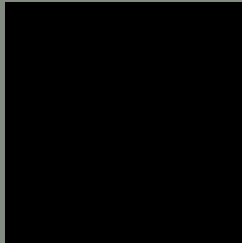
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 5.845, 137.892

Background



This preview shows how black text looks on a background with the CIELCh color 57, 5.845, 137.892.



This preview shows how white text looks on a background with the CIELCh color 57, 5.845, 137.892.

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, 5.845, 137.892

Protanopia

57, 4.963, 85.635

Deuteranopia

57, 8.128, 24.189



Tritanopia
57, 6.287, 287.468

Trichromacy



Original Color
57, 5.845, 137.892

Protanomaly
57, 4.558, 104.582

Deuteranomaly
57, 4.736, 40.818

Tritanomaly
57, 2.544, 263.451

Monochromacy



Original Color
57, 5.845, 137.892

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 2.084, 144.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 5.845, 137.892 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(132, 139, 130)` looks like.

```
.text, #text, p{  
    color:rgb(132, 139, 130)  
}
```

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(132, 139, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 139, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 5.845, 137.892 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(132, 139, 130) }
```

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

```
.border{ border-color:rgb(132, 139, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 139, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 139, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 139, 130);  
box-shadow:4px 4px 4px 4px rgb(132, 139,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 5.845, 137.892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 139, 130) }
```

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

```
.background{ background-color: rgb(132,  
139, 130) }
```

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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