

Converting Colors

CIELCh(57, 1.611, 277.935)

Have a look what the booklet for
CIELCh(57, 1.611, 277.935) contains.

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Color

CIELCh(57, 1.753, 277.638)

Conversions

Conversions Part 1

Format	Color
Hex	88898C
RGB	136, 137, 140
RGB Percent	53%, 54%, 55%
CMY	0.4676, 0.4637, 0.4519
CMYK	0.03, 0.02, 0.00, 0.45
HSL	225°, 2%, 54%
HSV	225°, 3%, 55%
XYZ	23.7409, 24.9227, 28.2759
YIQ	137.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

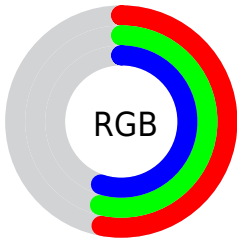
Format	Color
RYB	136, 137, 140
Decimal	8948108
CIELab	57.00, 0.23, -1.74
CIELCh	57, 1.753, 277.638
Yxy	24.9227, 0.3086, 0.3239
Android (android.graphics.Color)	4287138188 (0xFF88898C)
YUV	137.0430, 1.4578, -0.9147
Hunter-Lab	49.9226, -2.4781, 1.3642

Details

The CIELCh color $57, 1.753, 277.638$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 1.735, 96.787$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 2.180, 280.763$, and $37, 1.897, 277.773$ is the 20% darker color. If you saturate the color by 10%, you get $53, 7.945, 278.792$, and if you desaturate by 10%, it is $61, 4.297, 96.397$.

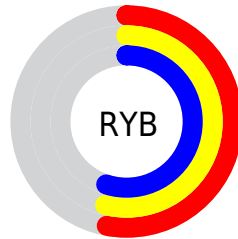
Distribution



Red (53%)

Green (54%)

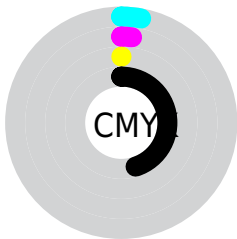
Blue (55%)



Red (53%)

Yellow (54%)

Blue (55%)

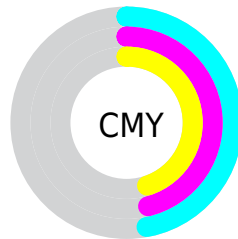


Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (45%)



Cyan (47%)

Magenta (46%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 1.753, 277.638 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, 1.753, 277.638 by changing the saturation by 10% instead.

■ 57, 1.753, 277.638

■ 57, 1.753, 277.638

■ 100, 1.753,
277.638

■ 47, 1.753, 277.638

■ 77, 1.753, 277.638

■ 37, 1.753, 277.638

■ 87, 1.753, 277.638

■ 27, 1.753, 277.638

■ 97, 1.753, 277.638

■ 17, 1.753, 277.638

■ 7, 1.753, 277.638

■ 0, 1.753, 277.638

■ 57, 1.753, 277.638

■ 57, 1.753, 277.638

■ 53, 7.945, 278.792

■ 61, 4.297, 96.397

■ 49, 14.290,

■ 65, 10.208, 95.471

280.241

69, 15.986, 94.649

45, 20.799,
281.934

73, 21.634, 93.924

41, 27.487,
283.902

77, 27.157, 93.281

37, 34.375,
286.177

81, 32.559, 92.707

33, 41.482,
288.769

85, 37.842, 92.194

29, 48.809,
291.654

89, 43.012, 91.731

26, 56.300,
294.745

22, 63.768,
297.876

Harmonies

Complementary

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



57, 1.753, 277.638



58, 1.735, 96.787

Rectangle

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



57, 1.753, 277.638



57, 1.753, 327.638



57, 1.753, 97.638



57, 1.753, 147.638

Sweetspot

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



57, 1.752, 277.599



73, 0.760, 277.534



58, 1.674, 178.285



39, 0.436, 277.542



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, 1.752, 277.599



72, 2.269, 277.617



57, 2.321, 299.442



28, 1.366, 277.675



19, 66.025, 299.721



0, 1.577, 277.194

Inverse Universe

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



57, 1.682, 359.503



72, 2.180, 359.536



58, 2.295, 119.107



28, 1.313, 359.624



27, 54.775, 23.696



0, 1.512, 359.471

Previews

White Background



This preview shows how the CIELCh color 57, 1.753, 277.638 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, 1.753, 277.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

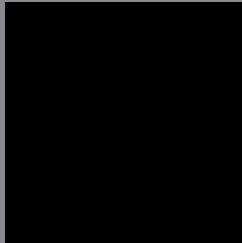
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

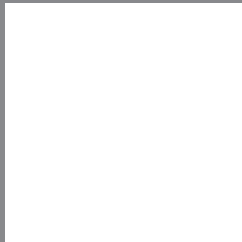
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 1.753, 277.638

Background



This preview shows how black text looks on a background with the CIELCh color 57, 1.753, 277.638.



This preview shows how white text looks on a background with the CIELCh color 57, 1.753, 277.638.

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, 1.753, 277.638

Protanopia

57, 1.896, 314.686

Deuteranopia

57, 7.477, 342.656



Tritanopia
57, 5.729, 294.671

Trichromacy



Original Color
57, 1.753, 277.638

Protanomaly
57, 1.767, 303.134

Deuteranomaly
57, 5.619, 334.696

Tritanomaly
57, 4.591, 295.516

Monochromacy



Original Color
57, 1.753, 277.638

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 0.577, 290.330

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 1.753, 277.638 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(136, 137, 140)` looks like.

```
.text, #text, p{  
    color:rgb(136, 137, 140)  
}
```

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(136, 137, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 137, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 1.753, 277.638 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(136, 137, 140) }
```

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

```
.border{ border-color:rgb(136, 137, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 137, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 137, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 137, 140);  
box-shadow:4px 4px 4px 4px rgb(136, 137,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 1.753, 277.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 137, 140) }
```

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

```
.background{ background-color: rgb(136,  
137, 140) }
```

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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