

Converting Colors

CIELCh(57, 2.473, 235.577)

Have a look what the booklet for
CIELCh(57, 2.473, 235.577) contains.

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Color

CIELCh(57, 2.560, 225.846)

Conversions

Conversions Part 1

Format	Color
Hex	848A8C
RGB	132, 138, 140
RGB Percent	52%, 54%, 55%
CMY	0.4829, 0.4593, 0.4515
CMYK	0.06, 0.01, 0.00, 0.45
HSL	195°, 3%, 53%
HSV	195°, 6%, 55%
XYZ	23.2878, 24.9227, 28.3420
YIQ	136.4340, -4.2180, -0.6500

Conversions

Conversions Part 2

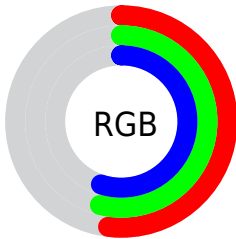
Format	Color
RYB	132, 135, 140
Decimal	8686220
CIELab	57.00, -1.78, -1.84
CIElCh	57, 2.560, 225.846
Yxy	24.9227, 0.3042, 0.3256
Android (android.graphics.Color)	4286876300 (0xFF848A8C)
YUV	136.4340, 1.7580, -3.8886
Hunter-Lab	49.9226, -4.0983, 1.2858

Details

The CIELCh color $57, 2.560, 225.846$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 2.640, 44.990$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 2.421, 225.825$, and $37, 2.395, 230.387$ is the 20% darker color. If you saturate the color by 10%, you get $55, 6.874, 226.313$, and if you desaturate by 10%, it is $59, 1.949, 44.995$.

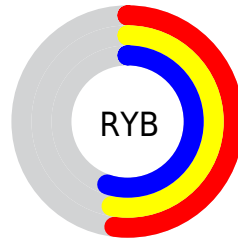
Distribution



Red (52%)

Green (54%)

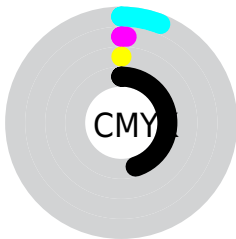
Blue (55%)



Red (52%)

Yellow (53%)

Blue (55%)

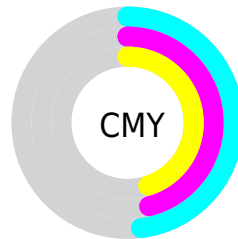


Cyan (6%)

Magenta (1%)

Yellow (0%)

Black (45%)



Cyan (48%)

Magenta (46%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 2.560, 225.846 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, 2.560, 225.846 by changing the saturation by 10% instead.

■ 57, 2.560, 225.846

■ 57, 2.560, 225.846

■ 100, 2.560,
225.846

■ 47, 2.560, 225.846

■ 77, 2.560, 225.846

■ 37, 2.560, 225.846

■ 87, 2.560, 225.846

■ 27, 2.560, 225.846

■ 97, 2.560, 225.846

■ 17, 2.560, 225.846

■ 7, 2.560, 225.846

■ 0, 2.560, 225.846

■ 57, 2.560, 225.846

■ 57, 2.560, 225.846

■ 55, 6.874, 226.313

■ 59, 1.949, 44.995

■ 53, 10.941,

■ 61, 6.609, 44.810

227.085

63, 11.381, 44.598

51, 14.704,
228.112

66, 16.233, 44.443

49, 18.105,
229.448

68, 21.140, 44.340

48, 21.090,
231.162

70, 26.080, 44.279

46, 23.619,
233.336

75, 35.998, 44.246

44, 25.678,
236.053

77, 39.867, 44.827

43, 27.290,
239.388

42, 28.547,
243.336

Harmonies

Complementary

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



57, 2.560, 225.846



56, 2.640, 44.990

Rectangle

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



57, 2.560, 225.846



57, 2.560, 275.846



57, 2.560, 45.846



57, 2.560, 95.846

Sweetspot

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



57, 2.560, 225.811



73, 1.115, 225.911



57, 4.717, 151.414



39, 0.639, 225.935



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, 2.560, 225.811



72, 3.856, 225.856



56, 3.447, 276.813



28, 1.988, 225.862



39, 27.943, 244.782



1, 1.173, 225.396

Inverse Universe

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



56, 4.680, 332.633



70, 7.079, 332.734



57, 3.426, 95.397



27, 3.652, 332.745



29, 59.028, 340.890



0, 2.107, 332.326

Previews

White Background



This preview shows how the CIE LCh color 57, 2.560, 225.846 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, 2.560, 225.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

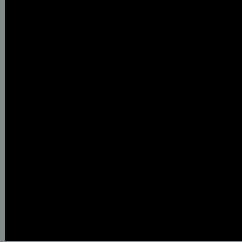
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

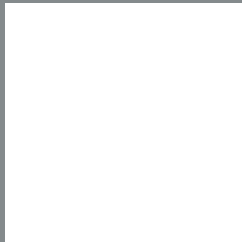
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 2.560, 225.846

Background



This preview shows how black text looks on a background with the CIELCh color 57, 2.560, 225.846.



This preview shows how white text looks on a background with the CIELCh color 57, 2.560, 225.846.

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, 2.560, 225.846

Protanopia

57, 1.896, 314.686

Deuteranopia

57, 8.143, 341.224



Tritanopia
57, 6.425, 277.361

Trichromacy



Original Color

57, 2.560, 225.846

Protanomaly

57, 1.205, 271.534

Deuteranomaly

57, 5.101, 328.319

Tritanomaly

57, 4.785, 272.202

Monochromacy



Original Color

57, 2.560, 225.846

Achromatopsia

57, 0.007, 296.813

Achromatomaly

57, 1.168, 199.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 2.560, 225.846 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, 138, 140)` looks like.

```
.text, #text, p{  
    color:rgb(132, 138, 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(132, 138, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 138, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 2.560, 225.846 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, 138, 140) }
```

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

```
.border{ border-color:rgb(132, 138, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 138, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 138, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 138, 140);  
box-shadow:4px 4px 4px 4px rgb(132, 138,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 2.560, 225.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 138, 140) }
```

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

```
.background{ background-color: rgb(132,  
138, 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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