

Converting Colors

CIELCh(57, 13.758, 272.049)

Have a look what the booklet for
CIELCh(57, 13.758, 272.049)
contains.

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Color

CIELCh(57, 13.246, 271.107)

Conversions

Conversions Part 1

Format	Color
Hex	7D8AA0
RGB	125, 138, 160
RGB Percent	49%, 54%, 63%
CMY	0.5113, 0.4603, 0.3741
CMYK	0.22, 0.14, 0.00, 0.37
HSL	218°, 15%, 56%
HSV	218°, 22%, 63%
XYZ	23.7461, 24.9227, 36.6357
YIQ	136.6210, -14.8100, 4.0860

Conversions

Conversions Part 2

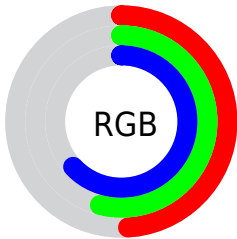
Format	Color
R_{YB}	125, 134, 160
Decimal	8227488
CIE _{Lab}	57.00, 0.26, -13.24
CIE _{LCh}	57, 13.246, 271.107
Yxy	24.9227, 0.2784, 0.2922
Android (android.graphics.Color)	4286417568 (0xFF7D8AA0)
YUV	136.6210, 11.5258, -10.1916
Hunter-Lab	49.9226, -2.4596, -8.5641

Details

The CIELCh color $57, 13.246, 271.107$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 13.446, 85.175$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 13.527, 272.088$, and $37, 13.669, 271.638$ is the 20% darker color. If you saturate the color by 10%, you get $53, 19.385, 272.923$, and if you desaturate by 10%, it is $61, 7.167, 269.555$.

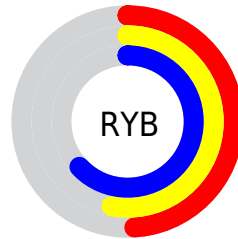
Distribution



Red (49%)

Green (54%)

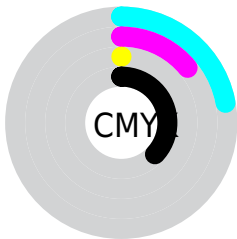
Blue (63%)



Red (49%)

Yellow (53%)

Blue (63%)

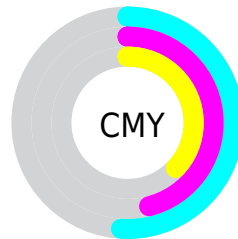


Cyan (22%)

Magenta (14%)

Yellow (0%)

Black (37%)



Cyan (51%)


Magenta (46%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 13.246, 271.107 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, 13.246, 271.107 by changing the saturation by 10% instead.


 57, 13.246,
271.107


 57, 13.246,
271.107


 100, 13.246,
271.107


 47, 13.246,
271.107


 77, 13.246,
271.107

 37, 13.246,
271.107

 87, 13.246,
271.107

 27, 13.246,
271.107

 97, 13.246,
271.107

 17, 13.246,
271.107

 7, 13.246, 271.107

 0, 13.246, 271.107

■ 57, 13.246,
271.107

■ 57, 13.246,
271.107

■ 53, 19.385,
272.923

■ 61, 7.167, 269.555

■ 49, 25.591,
275.054

■ 65, 1.154, 268.378

■ 69, 4.792, 86.975

■ 45, 31.874,
277.536

■ 73, 10.665, 85.995

■ 41, 38.260,
280.398

■ 77, 16.461, 85.123

■ 81, 22.177, 84.353

■ 38, 44.780,
283.638

■ 85, 27.809, 83.669

■ 34, 51.466,
287.202

■ 89, 33.356, 83.059

■ 91, 36.743, 90.078

■ 31, 58.317,
290.960

■ 29, 63.941,

293.875

Harmonies

Complementary

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



57, 13.246, 271.107



61, 13.446, 85.175

Rectangle

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



57, 13.246, 271.107



57, 13.246, 321.107



57, 13.246, 91.107



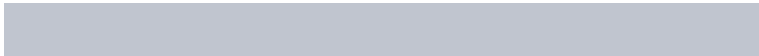
57, 13.246, 141.107

Sweetspot

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



57, 13.245, 271.103



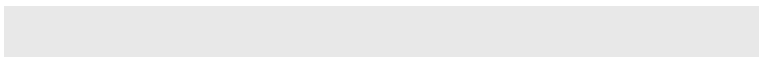
80, 5.183, 268.909



63, 15.192, 168.440



42, 3.395, 268.978



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



57, 13.245, 271.103



70, 19.426, 271.899



54, 20.314, 296.730



31, 3.370, 269.185



25, 58.344, 293.489



1, 4.479, 269.575

Inverse Universe

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



56, 15.797, 353.321



69, 23.244, 353.857



65, 19.346, 113.059



31, 3.966, 351.975



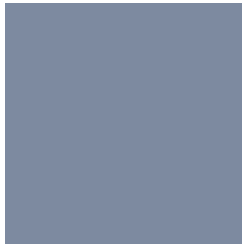
30, 55.248, 13.189



1, 5.053, 352.429

Previews

White Background



This preview shows how the CIELCh color 57, 13.246, 271.107 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 57, 13.246, 271.107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

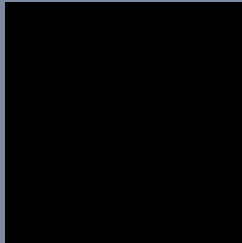
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

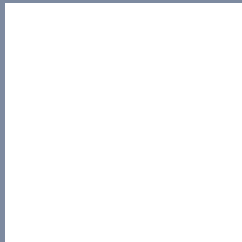
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 13.246, 271.107

Background



This preview shows how black text looks on a background with the CIELCh color 57, 13.246, 271.107.



This preview shows how white text looks on a background with the CIELCh color 57, 13.246, 271.107.

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

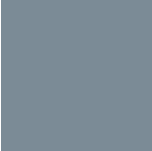
57, 13.246, 271.107

Protanopia

57, 13.164, 286.958

Deuteranopia

57, 15.588, 298.701



Tritanopia
57, 8.479, 246.984

Trichromacy



Original Color
57, 13.246, 271.107

Protanomaly
57, 13.311, 280.770

Deuteranomaly
57, 14.284, 288.936

Tritanomaly
57, 9.842, 259.925

Monochromacy



Original Color
57, 13.246, 271.107

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 4.911, 268.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 13.246, 271.107 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(125, 138, 160)` looks like.

```
.text, #text, p{  
    color:rgb(125, 138, 160)  
}
```

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(125, 138, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 138, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 13.246, 271.107 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(125, 138, 160) }
```

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

```
.border{ border-color:rgb(125, 138, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 138, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 138, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 138, 160);  
box-shadow:4px 4px 4px 4px rgb(125, 138,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 13.246, 271.107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 138, 160) }
```

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

```
.background{ background-color: rgb(125,  
138, 160) }
```

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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