

Converting Colors

CIELCh(57, 13.411, 311.264)

Have a look what the booklet for
CIELCh(57, 13.411, 311.264)
contains.

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Color

CIELCh(57, 13.426, 311.245)

Conversions

Conversions Part 1

Format	Color
Hex	90849A
RGB	144, 132, 154
RGB Percent	56%, 52%, 60%
CMY	0.4337, 0.4808, 0.3945
CMYK	0.06, 0.14, 0.00, 0.39
HSL	273°, 10%, 56%
HSV	273°, 14%, 61%
XYZ	25.7441, 24.9227, 34.2039
YIQ	138.0960, 0.0900, 9.3860

Conversions

Conversions Part 2

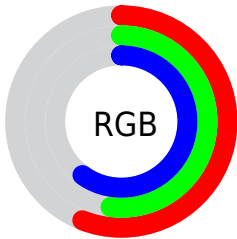
Format	Color
R_{YB}	144, 132, 154
Decimal	9471130
CIE Lab	57.00, 8.85, -10.09
CIE LCh	57, 13.426, 311.245
Yxy	24.9227, 0.3033, 0.2937
Android (android.graphics.Color)	4287661210 (0xFF90849A)
YUV	138.0960, 7.8407, 5.1778
Hunter-Lab	49.9226, 4.6844, -5.6760

Details

The CIELCh color $57, 13.426, 311.245$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 13.195, 130.041$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 13.281, 311.776$, and $37, 13.205, 311.599$ is the 20% darker color. If you saturate the color by 10%, you get $52, 23.122, 311.714$, and if you desaturate by 10%, it is $62, 3.957, 310.788$.

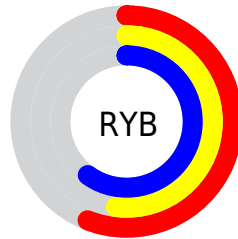
Distribution



Red (56%)

Green (52%)

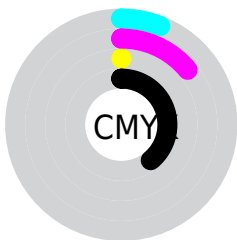
Blue (60%)



Red (56%)

Yellow (52%)

Blue (60%)

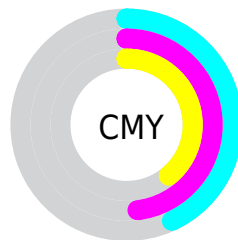


Cyan (6%)

Magenta (14%)

Yellow (0%)

Black (39%)



Cyan (43%)


Magenta (48%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 13.426, 311.245 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, 13.426, 311.245 by changing the saturation by 10% instead.


 57, 13.426,
311.245


 57, 13.426,
311.245


 100, 13.426,
311.245


 47, 13.426,
311.245


 77, 13.426,
311.245

 37, 13.426,
311.245

 87, 13.426,
311.245

 27, 13.426,
311.245

 97, 13.426,
311.245

 17, 13.426,
311.245

 7, 13.426, 311.245

 0, 13.426, 311.245

57, 13.426,
311.245

57, 13.426,
311.245

52, 23.122,
311.714

62, 3.957, 310.788

48, 32.990,
312.202

66, 5.251, 130.438

43, 42.916,
312.689

71, 14.188,
130.064

39, 52.708,
313.144

76, 22.856,
129.738

35, 62.061,
313.519

81, 31.262,
129.450

31, 70.524,
313.744

85, 39.417,
129.197

28, 77.518,
313.729

90, 47.332,
128.976

26, 82.465,

94, 54.503,
128.649

313.380

95, 53.505,
126.171

24, 84.847,
313.137

Harmonies

Complementary

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



57, 13.426, 311.245



62, 13.195, 130.041

Rectangle

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



57, 13.426, 311.245



57, 13.426, 1.245



57, 13.426, 131.245



57, 13.426, 181.245

Sweetspot

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



57, 13.424, 311.244



79, 4.621, 310.780



59, 7.580, 260.895



42, 3.312, 310.814



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



57, 13.424, 311.244



71, 19.962, 311.386



58, 14.793, 326.102



30, 5.249, 311.015



22, 79.028, 313.232



1, 5.598, 310.325

Inverse Universe

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



58, 10.386, 347.385



72, 15.441, 347.686



62, 14.775, 144.497



30, 4.061, 346.906



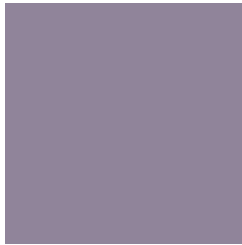
29, 54.127, 5.213



1, 4.315, 346.611

Previews

White Background



This preview shows how the CIELCh color 57, 13.426, 311.245 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, 13.426, 311.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

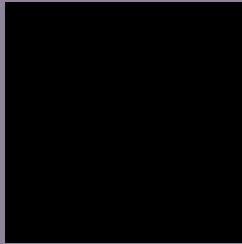
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 13.426, 311.245

Background



This preview shows how black text looks on a background with the CIELCh color 57, 13.426, 311.245.



This preview shows how white text looks on a background with the CIELCh color 57, 13.426, 311.245.

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, 13.426, 311.245

Protanopia

57, 12.012, 286.333

Deuteranopia

57, 12.522, 307.190



Tritanopia
57, 7.216, 319.658

Trichromacy



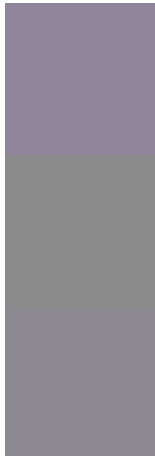
Original Color
57, 13.426, 311.245

Protanomaly
57, 12.031, 295.099

Deuteranomaly
57, 12.630, 308.848

Tritanomaly
57, 9.598, 317.181

Monochromacy



Original Color
57, 13.426, 311.245

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 4.840, 309.286

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 13.426, 311.245 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(144, 132, 154)` looks like.

```
.text, #text, p{  
    color:rgb(144, 132, 154)  
}
```

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(144, 132, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 132, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 13.426, 311.245 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(144, 132, 154) }
```

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

```
.border{ border-color:rgb(144, 132, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 132, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 132, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 132, 154);  
box-shadow:4px 4px 4px 4px rgb(144, 132,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 13.426, 311.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 132, 154) }
```

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

```
.background{ background-color: rgb(144,  
132, 154) }
```

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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