

Converting Colors

CIELCh(57, 13.571, 256.644)

Have a look what the booklet for
CIELCh(57, 13.571, 256.644)
contains.

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Color

CIELCh(57, 13.571, 256.644)

Conversions

Conversions Part 1

Format	Color
Hex	758B9F
RGB	117, 139, 159
RGB Percent	46%, 55%, 62%
CMY	0.5395, 0.4532, 0.3747
CMYK	0.26, 0.13, 0.00, 0.37
HSL	209°, 18%, 54%
HSV	209°, 26%, 63%
XYZ	22.9873, 24.9227, 36.6044
YIQ	134.7020, -19.5320, 1.5560

Conversions

Conversions Part 2

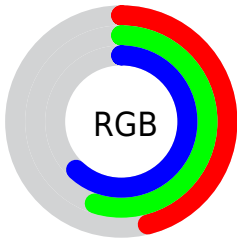
Format	Color
RYB	117, 131, 159
Decimal	7703455
CIELab	57.00, -3.13, -13.20
CIELCh	57, 13.571, 256.644
Yxy	24.9227, 0.2720, 0.2949
Android (android.graphics.Color)	4285893535 (0xFF758B9F)
YUV	134.7020, 11.9789, -15.5247
Hunter-Lab	49.9226, -5.1728, -8.5269

Details

The CIELCh color $57, 13.571, 256.644$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 14.711, 69.693$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 13.797, 258.397$, and $37, 13.892, 257.136$ is the 20% darker color. If you saturate the color by 10%, you get $54, 18.540, 258.605$, and if you desaturate by 10%, it is $60, 8.490, 255.000$.

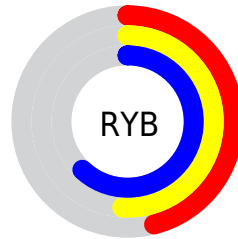
Distribution



Red (46%)

Green (55%)

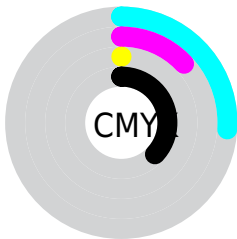
Blue (62%)



Red (46%)

Yellow (51%)

Blue (62%)

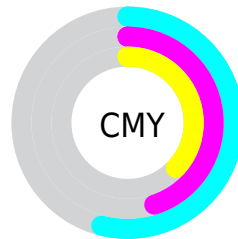


Cyan (26%)

Magenta (13%)

Yellow (0%)

Black (37%)



Cyan (54%)

Magenta (45%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 13.571, 256.644 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, 13.571, 256.644 by changing the saturation by 10% instead.

■ 57, 13.571,
256.644

■ 57, 13.571,
256.644

■ 100, 13.571,
256.644

■ 47, 13.571,
256.644

■ 77, 13.571,
256.644

■ 37, 13.571,
256.644

■ 87, 13.571,
256.644

■ 27, 13.571,
256.644

■ 97, 13.571,
256.644

■ 17, 13.571,
256.644

■ 7, 13.571, 256.644

■ 0, 13.571, 256.644

■ 57, 13.571,
256.644

■ 57, 13.571,
256.644

■ 54, 18.540,
258.605

■ 60, 8.490, 255.000

■ 51, 23.382,
260.951

■ 64, 3.322, 253.668

■ 67, 1.909, 72.221

■ 48, 28.087,
263.736

■ 70, 7.180, 71.344

■ 45, 32.670,
267.006

■ 74, 12.473, 70.504

■ 77, 17.770, 69.770

■ 42, 37.168,
270.776

■ 80, 23.058, 69.128

■ 39, 41.653,
274.998

■ 84, 28.325, 68.564

■ 86, 31.968, 71.296

■ 36, 46.219,
279.510

■ 36, 47.944,

Harmonies

Complementary

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



57, 13.571, 256.644



59, 14.711, 69.693

Rectangle

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



57, 13.571, 256.644



57, 13.571, 306.644



57, 13.571, 76.644



57, 13.571, 126.644

Sweetspot

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



57, 13.570, 256.640



80, 5.159, 253.880



62, 20.376, 159.614



42, 3.692, 254.060



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, 13.570, 256.640



70, 20.227, 257.827



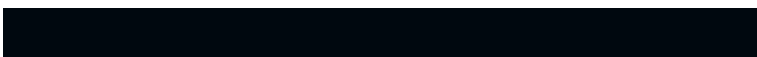
51, 23.678, 291.950



32, 2.931, 254.015



32, 43.831, 280.586



2, 3.932, 255.777

Inverse Universe

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



54, 20.808, 344.669



66, 31.256, 345.318



64, 22.362, 106.248



31, 4.370, 343.085



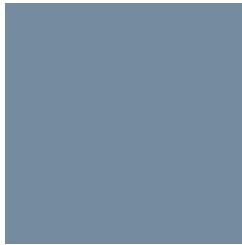
30, 55.423, 358.860



1, 5.553, 343.822

Previews

White Background



This preview shows how the CIELCh color 57, 13.571, 256.644 looks on a white background.

Color Contrast Check

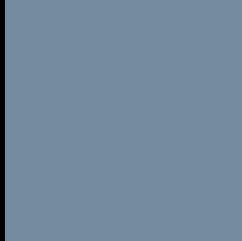
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.571, 256.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

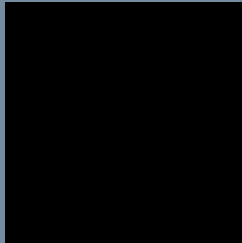
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

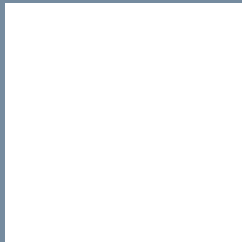
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 13.571, 256.644

Background



This preview shows how black text looks on a background with the CIELCh color 57, 13.571, 256.644.



This preview shows how white text looks on a background with the CIELCh color 57, 13.571, 256.644.

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, 13.571, 256.644

Protanopia

57, 12.577, 288.315

Deuteranopia

57, 16.154, 298.507



Tritanopia
57, 10.800, 234.416

Trichromacy



Original Color
57, 13.571, 256.644

Protanomaly
57, 12.421, 274.685

Deuteranomaly
57, 14.324, 286.063

Tritanomaly
57, 11.660, 246.345

Monochromacy



Original Color
57, 13.571, 256.644

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 4.964, 253.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 13.571, 256.644 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(117, 139, 159)` looks like.

```
.text, #text, p{  
    color:rgb(117, 139, 159)  
}
```

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(117, 139, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 139, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 13.571, 256.644 is called "border". The border property can be set on classes, ids or directly on the HTML element.

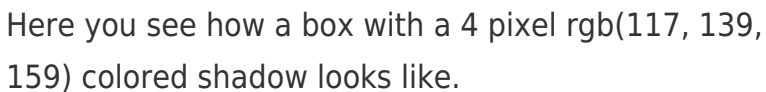
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 139, 159) }
```

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

```
.border{ border-color:rgb(117, 139, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 139, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 139, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 139, 159); box-shadow:4px 4px 4px 4px rgb(117, 139, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 13.571, 256.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 139, 159) }
```

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

```
.background{ background-color: rgb(117,  
139, 159) }
```

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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