

Converting Colors

CIELCh(57, 12.962, 262.418)

Have a look what the booklet for
CIELCh(57, 12.962, 262.418)
contains.

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Color

CIELCh(57, 12.894, 261.729)

Conversions

Conversions Part 1

Format	Color
Hex	798B9F
RGB	121, 139, 159
RGB Percent	47%, 55%, 62%
CMY	0.5266, 0.4560, 0.3776
CMYK	0.24, 0.13, 0.00, 0.38
HSL	212°, 16%, 55%
HSV	212°, 24%, 62%
XYZ	23.2718, 24.9227, 36.2549
YIQ	135.8980, -17.1480, 2.4040

Conversions

Conversions Part 2

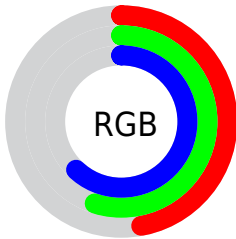
Format	Color
RYB	121, 133, 159
Decimal	7965599
CIELab	57.00, -1.85, -12.76
CIELCh	57, 12.894, 261.729
Yxy	24.9227, 0.2756, 0.2951
Android (android.graphics.Color)	4286155679 (0xFF798B9F)
YUV	135.8980, 11.3893, -13.0655
Hunter-Lab	49.9226, -4.1555, -8.1118

Details

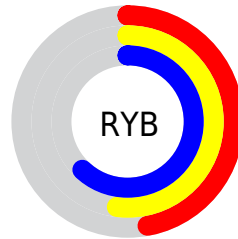
The CIELCh color $57, 12.894, 261.729$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 13.591, 75.227$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 13.167, 263.352$, and $37, 13.231, 262.089$ is the 20% darker color. If you saturate the color by 10%, you get $54, 18.206, 263.641$, and if you desaturate by 10%, it is $60, 7.531, 260.113$.

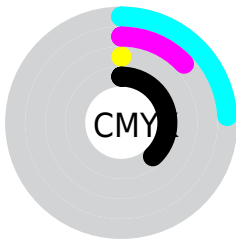
Distribution



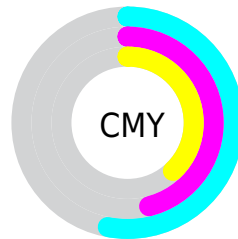
- Red (47%)
- Green (55%)
- Blue (62%)



- Red (47%)
- Yellow (52%)
- Blue (62%)



- Cyan (24%)
- Magenta (13%)
- Yellow (0%)
- Black (38%)



- Cyan (53%)
- Magenta (46%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 12.894, 261.729 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, 12.894, 261.729 by changing the saturation by 10% instead.

■ 57, 12.894,
261.729

■ 57, 12.894,
261.729

■ 100, 12.894,
261.729

■ 47, 12.894,
261.729

■ 77, 12.894,
261.729

■ 37, 12.894,
261.729

■ 87, 12.894,
261.729

■ 27, 12.894,
261.729

■ 97, 12.894,
261.729

■ 17, 12.894,
261.729

■ 7, 12.894, 261.729

■ 0, 12.894, 261.729

■ 57, 12.894,
261.729

■ 57, 12.894,
261.729

■ 54, 18.206,
263.641

■ 60, 7.531, 260.113

■ 50, 23.460,
265.908

■ 64, 2.136, 258.827

■ 68, 3.277, 77.419

■ 47, 28.652,
268.579

■ 71, 8.690, 76.458

■ 44, 33.798,
271.694

■ 75, 14.091, 75.591

■ 78, 19.466, 74.830

■ 40, 38.936,
275.262

■ 82, 24.808, 74.159

■ 37, 44.123,
279.240

■ 85, 30.108, 73.564

■ 88, 33.366, 77.868

■ 35, 49.427,
283.506

■ 33, 52.745,

285.991

Harmonies

Complementary

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



57, 12.894, 261.729



60, 13.591, 75.227

Rectangle

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



57, 12.894, 261.729



57, 12.894, 311.729



57, 12.894, 81.729



57, 12.894, 131.729

Sweetspot

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



57, 12.893, 261.725



80, 4.698, 259.184



62, 17.765, 162.446



42, 3.076, 259.252



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, 12.893, 261.725



70, 19.317, 262.761



52, 22.101, 293.478



32, 3.050, 259.455



30, 48.373, 285.559



2, 4.084, 260.703

Inverse Universe

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



55, 18.230, 347.238



67, 27.470, 347.844



64, 20.918, 108.629



31, 4.226, 345.811



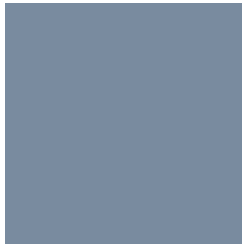
30, 54.919, 3.482



1, 5.376, 346.469

Previews

White Background



This preview shows how the CIELCh color 57, 12.894, 261.729 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, 12.894, 261.729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

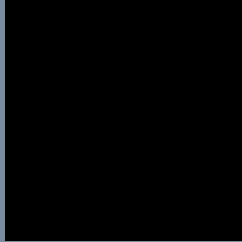
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

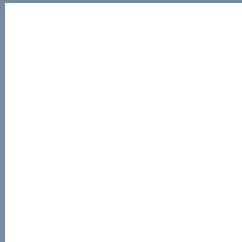
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 12.894, 261.729

Background



This preview shows how black text looks on a background with the CIELCh color 57, 12.894, 261.729.



This preview shows how white text looks on a background with the CIELCh color 57, 12.894, 261.729.

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

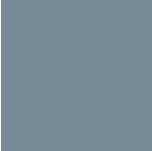
57, 12.894, 261.729

Protanopia

57, 12.577, 288.315

Deuteranopia

57, 15.638, 300.038



Tritanopia
57, 9.730, 239.210

Trichromacy



Original Color
57, 12.894, 261.729

Protanomaly
57, 12.754, 280.184

Deuteranomaly
57, 14.300, 287.494

Tritanomaly
57, 10.588, 248.129

Monochromacy



Original Color
57, 12.894, 261.729

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 4.753, 256.706

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 12.894, 261.729 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(121, 139, 159)` looks like.

```
.text, #text, p{  
    color:rgb(121, 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(121, 139, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 139, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 12.894, 261.729 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(121, 139, 159) }
```

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

```
.border{ border-color:rgb(121, 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(121, 139, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 139, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 139, 159);  
box-shadow:4px 4px 4px 4px rgb(121, 139,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 12.894, 261.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 139, 159) }
```

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

```
.background{ background-color: rgb(121,  
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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