

Converting Colors

CIELCh(57, 22.311, 283.669)

Have a look what the booklet for
CIELCh(57, 22.311, 283.669)
contains.

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Color

CIELCh(57, 21.884, 282.821)

Conversions

Conversions Part 1

Format	Color
Hex	7D88AE
RGB	125, 136, 174
RGB Percent	49%, 53%, 68%
CMY	0.5108, 0.4677, 0.3187
CMYK	0.28, 0.22, 0.00, 0.32
HSL	227°, 23%, 59%
HSV	227°, 28%, 68%
XYZ	24.8020, 24.9227, 43.4108
YIQ	137.0430, -18.7540, 9.4860

Conversions

Conversions Part 2

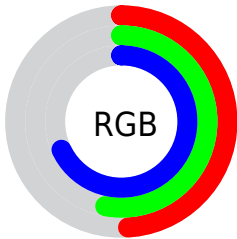
Format	Color
R_{YB}	125, 134, 174
Decimal	8226990
CIE _{Lab}	57.00, 4.86, -21.34
CIE _{LCh}	57, 21.884, 282.821
Yxy	24.9227, 0.2663, 0.2676
Android (android.graphics.Color)	4286417070 (0xFF7D88AE)
YUV	137.0430, 18.2198, -10.5617
Hunter-Lab	49.9226, 1.3159, -16.6105

Details

The CIELCh color `57, 21.884, 282.821` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `67, 21.322, 95.574`, and the grayscale version is `57, 0.007, 296.813`.

A 20% lighter version of the original color is `77, 22.182, 283.588`, and `37, 21.822, 283.522` is the 20% darker color. If you saturate the color by 10%, you get `52, 30.073, 284.672`, and if you desaturate by 10%, it is `62, 13.931, 281.234`.

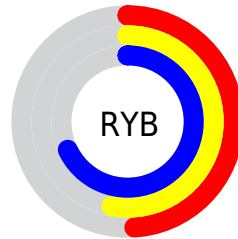
Distribution



Red (49%)

Green (53%)

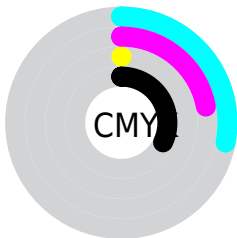
Blue (68%)



Red (49%)

Yellow (53%)

Blue (68%)

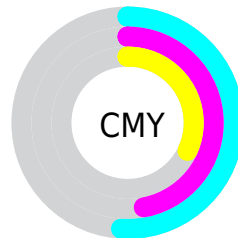


Cyan (28%)

Magenta (22%)

Yellow (0%)

Black (32%)



Cyan (51%)

Magenta (47%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 21.884, 282.821 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, 21.884, 282.821 by changing the saturation by 10% instead.

■ 57, 21.884,
282.821

■ 57, 21.884,
282.821

■ 100, 21.884,
282.821

■ 47, 21.884,
282.821

■ 77, 21.884,
282.821

■ 37, 21.884,
282.821

■ 87, 21.884,
282.821

■ 27, 21.884,
282.821

■ 97, 21.884,
282.821

■ 17, 21.884,
282.821

■ 7, 21.884, 282.821

■ 0, 21.884, 282.821

■ 57, 21.884,
282.821

■ 57, 21.884,
282.821

■ 52, 30.073,
284.672

■ 62, 13.931,
281.234

■ 47, 38.526,
286.825

■ 67, 6.196, 279.884

■ 72, 1.335, 98.570

■ 42, 47.265,
289.295

■ 77, 8.675, 97.654

■ 38, 56.294,
292.070

■ 82, 15.831, 96.781

■ 33, 65.544,
295.073

■ 87, 22.812, 96.013

■ 91, 29.625, 95.337

■ 29, 74.785,
298.147

■ 95, 35.645,
100.146

■ 26, 83.527,
301.014

■ 98, 40.716,
107.070

■ 25, 85.010,

301.461

Harmonies

Complementary

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



57, 21.884, 282.821



67, 21.322, 95.574

Rectangle

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



57, 21.884, 282.821



57, 21.884, 332.821



57, 21.884, 102.821



57, 21.884, 152.821

Sweetspot

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



57, 21.883, 282.820



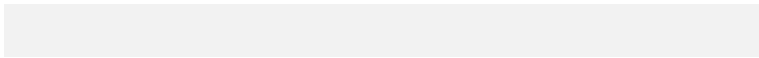
85, 7.515, 279.877



67, 18.746, 178.103



45, 5.393, 280.063



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



57, 21.883, 282.820



69, 33.092, 283.974



55, 28.649, 302.534



34, 4.278, 280.021



21, 75.650, 301.127



2, 9.359, 281.395

Inverse Universe

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



57, 20.740, 4.442



70, 31.443, 5.379



69, 27.046, 118.841



34, 3.984, 2.192



31, 61.242, 26.558



2, 8.101, 4.538

Previews

White Background



This preview shows how the CIELCh color 57, 21.884, 282.821 looks on a white background.

Color Contrast Check

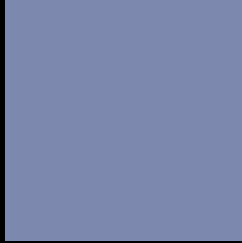
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.884, 282.821 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

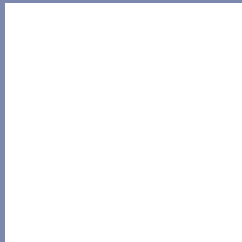
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 21.884, 282.821

Background



This preview shows how black text looks on a background with the CIELCh color 57, 21.884, 282.821.

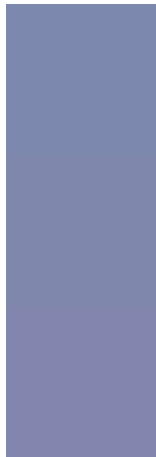


This preview shows how white text looks on a background with the CIELCh color 57, 21.884, 282.821.

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

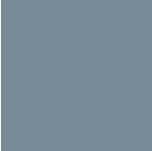
57, 21.884, 282.821

Protanopia

57, 21.791, 285.452

Deuteranopia

57, 22.856, 289.365



Tritanopia
57, 9.468, 240.585

Trichromacy



Original Color
57, 21.884, 282.821

Protanomaly
57, 21.827, 284.577

Deuteranomaly
57, 22.323, 286.579

Tritanomaly
57, 13.105, 265.790

Monochromacy



Original Color
57, 21.884, 282.821

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 7.535, 279.591

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 21.884, 282.821 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, 136, 174)` looks like.

```
.text, #text, p{  
    color:rgb(125, 136, 174)  
}
```

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, 136, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 136, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 21.884, 282.821 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, 136, 174) }
```

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

```
.border{ border-color:rgb(125, 136, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 136, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 136, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 136, 174);  
box-shadow:4px 4px 4px 4px rgb(125, 136,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 21.884, 282.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 136, 174) }
```

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

```
.background{ background-color: rgb(125,  
136, 174) }
```

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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