

Converting Colors

CIELCh(57, 12.044, 279.520)

Have a look what the booklet for
CIELCh(57, 12.044, 279.520)
contains.

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Color

CIELCh(57, 11.628, 278.845)

Conversions

Conversions Part 1

Format	Color
Hex	82899D
RGB	130, 137, 157
RGB Percent	51%, 54%, 62%
CMY	0.4917, 0.4642, 0.3858
CMYK	0.17, 0.13, 0.00, 0.39
HSL	224°, 12%, 56%
HSV	224°, 17%, 61%
XYZ	24.0944, 24.9227, 35.2674
YIQ	137.1870, -10.5920, 4.7360

Conversions

Conversions Part 2

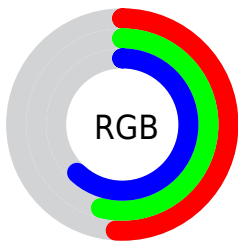
Format	Color
R_{YB}	130, 136, 157
Decimal	8554909
CIE _{Lab}	57.00, 1.79, -11.49
CIE _{LCh}	57, 11.628, 278.845
Yxy	24.9227, 0.2859, 0.2957
Android (android.graphics.Color)	4286744989 (0xFF82899D)
YUV	137.1870, 9.7678, -6.3030
Hunter-Lab	49.9226, -1.2144, -6.9390

Details

The CIELCh color $57, 11.628, 278.845$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 11.512, 94.560$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 12.011, 279.561$, and $37, 11.966, 279.163$ is the 20% darker color. If you saturate the color by 10%, you get $53, 18.592, 280.423$, and if you desaturate by 10%, it is $61, 4.827, 277.496$.

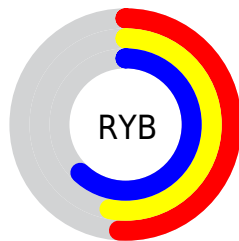
Distribution



Red (51%)

Green (54%)

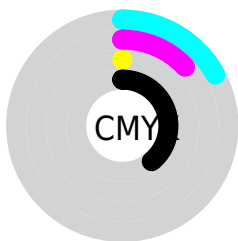
Blue (62%)



Red (51%)

Yellow (53%)

Blue (62%)

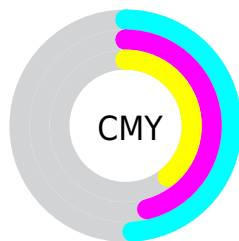


Cyan (17%)

Magenta (13%)

Yellow (0%)

Black (39%)



Cyan (49%)


Magenta (46%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 11.628, 278.845 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, 11.628, 278.845 by changing the saturation by 10% instead.


 57, 11.628,
278.845


 57, 11.628,
278.845


 100, 11.628,
278.845


 47, 11.628,
278.845


 77, 11.628,
278.845

 37, 11.628,
278.845

 87, 11.628,
278.845

 27, 11.628,
278.845

 97, 11.628,
278.845

 17, 11.628,
278.845

 7, 11.628, 278.845

 0, 11.628, 278.845

■ 57, 11.628,
278.845

■ 57, 11.628,
278.845

■ 53, 18.592,
280.423

■ 61, 4.827, 277.496

■ 48, 25.738,
282.270

■ 66, 1.816, 96.198

■ 44, 33.083,
284.416

■ 70, 8.309, 95.248

■ 40, 40.651,
286.886

■ 75, 14.659, 94.367

■ 35, 48.460,
289.679

■ 79, 20.868, 93.591

■ 31, 56.494,
292.742

■ 83, 26.940, 92.905

■ 28, 64.642,
295.949

■ 87, 32.881, 92.295

■ 24, 72.626,

■ 92, 38.692, 91.750

■ 95, 43.017, 99.328

299.058

■ 24, 74.764,
299.816

Harmonies

Complementary

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



57, 11.628, 278.845



62, 11.512, 94.560

Rectangle

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



57, 11.628, 278.845



57, 11.628, 328.845



57, 11.628, 98.845



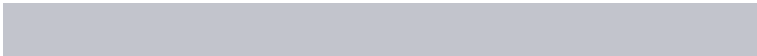
57, 11.628, 148.845

Sweetspot

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



57, 11.627, 278.841



79, 4.132, 277.244



62, 10.940, 176.765



41, 2.814, 277.319



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, 11.627, 278.841



71, 17.658, 279.472



56, 15.719, 300.464



31, 3.811, 277.748



21, 69.330, 299.560



1, 5.013, 277.498

Inverse Universe

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



57, 11.518, 0.500



70, 17.557, 0.989



63, 15.181, 118.191



31, 3.743, 359.630



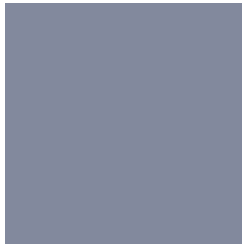
29, 57.689, 23.382



1, 4.771, 359.805

Previews

White Background



This preview shows how the CIELCh color 57, 11.628, 278.845 looks on a white background.

Color Contrast Check

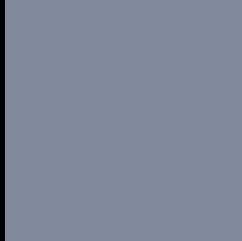
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.628, 278.845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

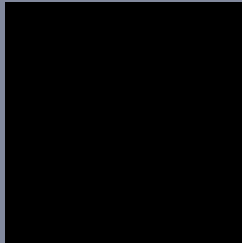
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

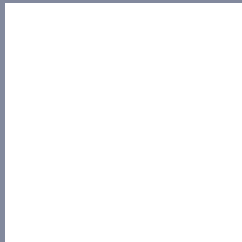
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 11.628, 278.845

Background



This preview shows how black text looks on a background with the CIELCh color 57, 11.628, 278.845.

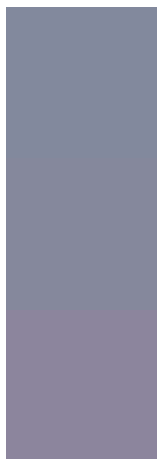


This preview shows how white text looks on a background with the CIELCh color 57, 11.628, 278.845.

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, 11.628, 278.845

Protanopia

57, 11.446, 285.990

Deuteranopia

57, 14.013, 302.422



Tritanopia
57, 7.217, 259.871

Trichromacy



Original Color
57, 11.628, 278.845

Protanomaly
57, 11.479, 284.176

Deuteranomaly
57, 13.186, 294.911

Tritanomaly
57, 8.571, 268.287

Monochromacy



Original Color
57, 11.628, 278.845

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 4.137, 274.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 11.628, 278.845 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(130, 137, 157)` looks like.

```
.text, #text, p{  
    color:rgb(130, 137, 157)  
}
```

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(130, 137, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 137, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 11.628, 278.845 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(130, 137, 157) }
```

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

```
.border{ border-color:rgb(130, 137, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 137, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 137, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 137, 157);  
box-shadow:4px 4px 4px 4px rgb(130, 137,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 11.628, 278.845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 137, 157) }
```

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

```
.background{ background-color: rgb(130,  
137, 157) }
```

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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