

Converting Colors

CIELCh(57, 17.785, 299.833)

Have a look what the booklet for
CIELCh(57, 17.785, 299.833)
contains.

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Color

CIELCh(57, 17.897, 299.179)

Conversions

Conversions Part 1

Format	Color
Hex	8B85A4
RGB	139, 133, 164
RGB Percent	55%, 52%, 64%
CMY	0.4551, 0.4786, 0.3571
CMYK	0.15, 0.19, 0.00, 0.36
HSL	252°, 15%, 58%
HSV	252°, 19%, 64%
XYZ	25.7141, 24.9227, 38.5504
YIQ	138.3280, -6.3750, 10.9130

Conversions

Conversions Part 2

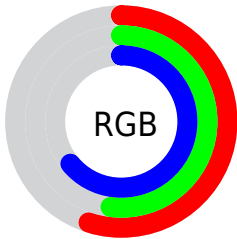
Format	Color
RYB	139, 133, 164
Decimal	9143716
CIELab	57.00, 8.73, -15.63
CIElCh	57, 17.897, 299.179
Yxy	24.9227, 0.2883, 0.2794
Android (android.graphics.Color)	4287333796 (0xFF8B85A4)
YUV	138.3280, 12.6563, 0.5893
Hunter-Lab	49.9226, 4.5769, -10.8381

Details

The CIELCh color $57, 17.897, 299.179$ is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be $66, 17.197, 116.463$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 17.963, 299.556$, and $37, 17.474, 299.125$ is the 20% darker color. If you saturate the color by 10%, you get $52, 27.883, 300.104$, and if you desaturate by 10%, it is $62, 8.276, 298.370$.

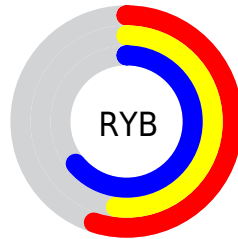
Distribution



Red (55%)

Green (52%)

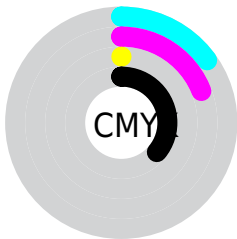
Blue (64%)



Red (55%)

Yellow (52%)

Blue (64%)

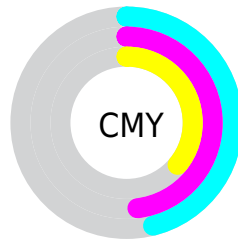


Cyan (15%)

Magenta (19%)

Yellow (0%)

Black (36%)



Cyan (46%)


Magenta (48%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 17.897, 299.179 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, 17.897, 299.179 by changing the saturation by 10% instead.


 57, 17.897,
299.179


 57, 17.897,
299.179


 100, 17.897,
299.179


 47, 17.897,
299.179


 77, 17.897,
299.179

 37, 17.897,
299.179

 87, 17.897,
299.179

 27, 17.897,
299.179

 97, 17.897,
299.179

 17, 17.897,
299.179

 7, 17.897, 299.179

 0, 17.897, 299.179

■ 57, 17.897,
299.179

■ 57, 17.897,
299.179

■ 52, 27.883,
300.104

■ 62, 8.276, 298.370

■ 46, 38.231,
301.153

■ 68, 0.988, 117.679

■ 73, 9.915, 117.069

■ 41, 48.892,
302.319

■ 79, 18.524,
116.549

■ 35, 59.724,
303.571

■ 84, 26.837,
116.101

■ 31, 70.408,
304.833

■ 89, 34.873,
115.715

■ 26, 80.314,
305.972

■ 95, 42.649,
115.384


■ 23, 88.425,
306.784

■ 97, 45.661,
111.742

■ 20, 94.093,

307.203

 98, 45.465,
106.703

 20, 94.696,
307.264

Harmonies

Complementary

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



57, 17.897, 299.179



66, 17.197, 116.463

Rectangle

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



57, 17.897, 299.179



57, 17.897, 349.179



57, 17.897, 119.179



57, 17.897, 169.179

Sweetspot

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



57, 17.896, 299.178



82, 6.898, 298.164



64, 9.585, 218.109



43, 4.572, 298.208



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



57, 17.896, 299.178



70, 27.296, 299.582



58, 19.383, 315.983



32, 5.240, 298.397



17, 86.607, 307.333



1, 8.017, 297.038

Inverse Universe

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



59, 18.473, 331.454



73, 27.964, 331.747



65, 19.096, 134.379



32, 5.480, 330.835



33, 65.592, 337.546



1, 8.195, 331.987

Previews

White Background



This preview shows how the CIELCh color 57, 17.897, 299.179 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, 17.897, 299.179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

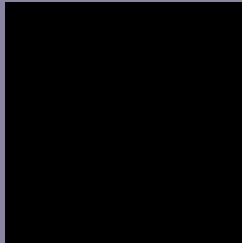
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 17.897, 299.179

Background



This preview shows how black text looks on a background with the CIELCh color 57, 17.897, 299.179.



This preview shows how white text looks on a background with the CIELCh color 57, 17.897, 299.179.

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, 17.897, 299.179

Protanopia

57, 17.193, 285.074

Deuteranopia

57, 17.197, 295.762



Tritanopia
57, 6.281, 290.922

Trichromacy



Original Color
57, 17.897, 299.179

Protanomaly
57, 17.129, 289.778

Deuteranomaly
57, 17.227, 296.962

Tritanomaly
57, 10.323, 295.527

Monochromacy



Original Color
57, 17.897, 299.179

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 6.337, 297.819

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 17.897, 299.179 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(139, 133, 164)` looks like.

```
.text, #text, p{  
    color:rgb(139, 133, 164)  
}
```

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(139, 133, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 133, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 17.897, 299.179 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(139, 133, 164) }
```

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

```
.border{ border-color:rgb(139, 133, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 133, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 133, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 133, 164); box-shadow:4px 4px 4px 4px rgb(139, 133, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 17.897, 299.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 133, 164) }
```

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

```
.background{ background-color: rgb(139,  
133, 164) }
```

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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