

Converting Colors

CIELCh(57, 9.587, 280.041)

Have a look what the booklet for
CIELCh(57, 9.587, 280.041) contains.

CIELCh(57, 9.344, 277.523)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(57, 9.344, 277.523)

Conversions

Conversions Part 1

Format	Color
Hex	838999
RGB	131, 137, 153
RGB Percent	51%, 54%, 60%
CMY	0.4872, 0.4637, 0.4009
CMYK	0.14, 0.10, 0.00, 0.40
HSL	224°, 10%, 56%
HSV	224°, 14%, 60%
XYZ	23.9656, 24.9227, 33.5802
YIQ	137.0300, -8.7120, 3.7040

Conversions

Conversions Part 2

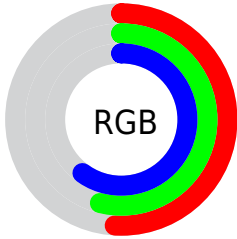
Format	Color
R_{YB}	131, 136, 153
Decimal	8620441
CIE _{Lab}	57.00, 1.22, -9.26
CIE _{LCh}	57, 9.344, 277.523
Yxy	24.9227, 0.2906, 0.3022
Android (android.graphics.Color)	4286810521 (0xFF838999)
YUV	137.0300, 7.8732, -5.2883
Hunter-Lab	49.9226, -1.6747, -4.9353

Details

The CIELCh color $57, 9.344, 277.523$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 9.280, 93.952$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 9.331, 277.920$, and $37, 9.504, 277.409$ is the 20% darker color. If you saturate the color by 10%, you get $53, 16.006, 279.040$, and if you desaturate by 10%, it is $61, 2.828, 276.241$.

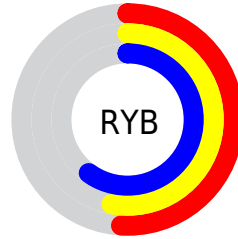
Distribution



Red (51%)

Green (54%)

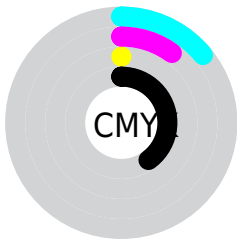
Blue (60%)



Red (51%)

Yellow (53%)

Blue (60%)

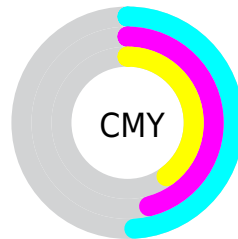


Cyan (14%)

Magenta (10%)

Yellow (0%)

Black (40%)



Cyan (49%)

Magenta (46%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 9.344, 277.523 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, 9.344, 277.523 by changing the saturation by 10% instead.

■ 57, 9.344, 277.523

■ 57, 9.344, 277.523

■ 100, 9.344,
277.523

■ 47, 9.344, 277.523

■ 77, 9.344, 277.523

■ 37, 9.344, 277.523

■ 87, 9.344, 277.523

■ 27, 9.344, 277.523

■ 97, 9.344, 277.523

■ 17, 9.344, 277.523

■ 7, 9.344, 277.523

■ 0, 9.344, 277.523

■ 57, 9.344, 277.523

■ 57, 9.344, 277.523

■ 53, 16.006,
279.040

■ 61, 2.828, 276.241

■ 66, 3.547, 95.000

48, 22.827,
280.819

70, 9.786, 94.041

44, 29.823,
282.889

74, 15.892, 93.185

40, 37.016,
285.281

78, 21.870, 92.429

36, 44.429,
288.005

86, 33.451, 91.163

32, 52.066,
291.029

90, 39.061, 90.629

28, 59.874,
294.258

93, 43.216, 96.968

25, 67.664,
297.511

23, 71.921,
299.149

Harmonies

Complementary

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



57, 9.344, 277.523



61, 9.280, 93.952

Rectangle

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



57, 9.344, 277.523



57, 9.344, 327.523



57, 9.344, 97.523



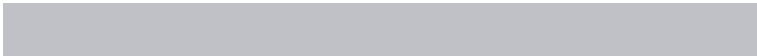
57, 9.344, 147.523

Sweetspot

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



57, 9.343, 277.517



78, 3.189, 276.207



61, 9.074, 175.856



41, 2.261, 276.284



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



57, 9.343, 277.517



71, 13.722, 277.940



56, 12.781, 299.638



30, 3.653, 276.822



21, 67.061, 298.898



1, 3.934, 275.986

Inverse Universe

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



57, 9.426, 359.214



71, 13.883, 359.541



62, 12.410, 117.709



30, 3.665, 358.661



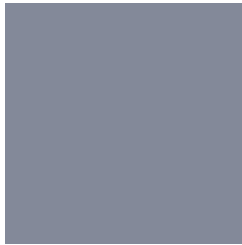
29, 56.512, 22.119



1, 3.877, 358.193

Previews

White Background



This preview shows how the CIELCh color 57, 9.344, 277.523 looks on a white background.

Color Contrast Check

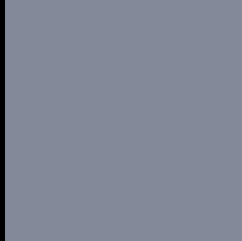
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.344, 277.523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

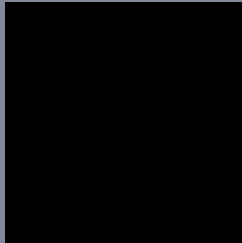
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

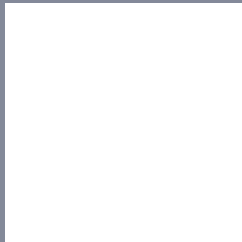
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 9.344, 277.523

Background



This preview shows how black text looks on a background with the CIELCh color 57, 9.344, 277.523.



This preview shows how white text looks on a background with the CIELCh color 57, 9.344, 277.523.

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, 9.344, 277.523

Protanopia

57, 9.134, 288.909

Deuteranopia

57, 12.522, 307.190



Tritanopia
57, 6.751, 268.064

Trichromacy



Original Color
57, 9.344, 277.523

Protanomaly
57, 9.181, 284.273

Deuteranomaly
57, 11.558, 298.919

Tritanomaly
57, 7.808, 271.553

Monochromacy



Original Color
57, 9.344, 277.523

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 3.498, 277.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 9.344, 277.523 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(131, 137, 153)` looks like.

```
.text, #text, p{  
    color:rgb(131, 137, 153)  
}
```

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(131, 137, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 137, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 9.344, 277.523 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(131, 137, 153) }
```

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

```
.border{ border-color:rgb(131, 137, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 137, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 137, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 137, 153);  
box-shadow:4px 4px 4px 4px rgb(131, 137,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 9.344, 277.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 137, 153) }
```

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

```
.background{ background-color: rgb(131,  
137, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor