

Converting Colors

CIELCh(57, 11.735, 319.204)

Have a look what the booklet for
CIELCh(57, 11.735, 319.204)
contains.

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Color

CIELCh(57, 11.828, 320.315)

Conversions

Conversions Part 1

Format	Color
Hex	938496
RGB	147, 132, 150
RGB Percent	58%, 52%, 59%
CMY	0.4234, 0.4822, 0.4116
CMYK	0.02, 0.12, 0.00, 0.41
HSL	290°, 8%, 55%
HSV	290°, 12%, 59%
XYZ	25.8041, 24.9227, 32.3210
YIQ	138.5370, 3.1620, 8.7780

Conversions

Conversions Part 2

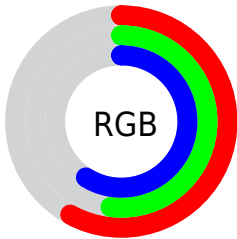
Format	Color
R_{YB}	147, 132, 150
Decimal	9667734
CIE _{Lab}	57.00, 9.10, -7.55
CIE _{LCh}	57, 11.828, 320.315
Yxy	24.9227, 0.3107, 0.3001
Android (android.graphics.Color)	4287857814 (0xFF938496)
YUV	138.5370, 5.6513, 7.4221
Hunter-Lab	49.9226, 4.8988, -3.4398

Details

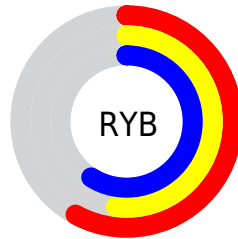
The CIELCh color $57, 11.828, 320.315$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 11.764, 139.245$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 11.802, 320.460$, and $37, 11.290, 319.848$ is the 20% darker color. If you saturate the color by 10%, you get $53, 21.821, 320.768$, and if you desaturate by 10%, it is $61, 1.955, 319.797$.

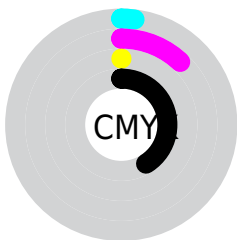
Distribution



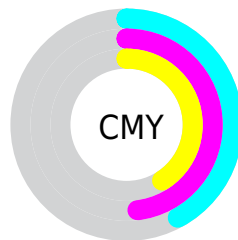
- Red (58%)
- Green (52%)
- Blue (59%)



- Red (58%)
- Yellow (52%)
- Blue (59%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)
- Black (41%)





- Cyan (42%)
- Magenta (48%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 11.828, 320.315 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, 11.828, 320.315 by changing the saturation by 10% instead.


 57, 11.828,
320.315


 57, 11.828,
320.315


 100, 11.828,
320.315


 47, 11.828,
320.315


 77, 11.828,
320.315

 37, 11.828,
320.315

 87, 11.828,
320.315

 27, 11.828,
320.315

 97, 11.828,
320.315

 17, 11.828,
320.315

 7, 11.828, 320.315

 0, 11.828, 320.315

57, 11.828,
320.315

57, 11.828,
320.315

53, 21.821,
320.768

61, 1.955, 319.797

49, 31.819,
321.209

66, 7.718, 139.481

45, 41.639,
321.621

70, 17.152,
139.060

41, 51.022,
321.979

74, 26.326,
138.672

38, 59.626,
322.255

79, 35.232,
138.312

36, 67.039,
322.412

83, 43.873,
137.979

33, 72.846,
322.413


87, 52.257,
137.673

32, 76.735,

92, 60.394,
137.393

322.226

 93, 61.589,
136.843

 31, 78.896,
321.988

Harmonies

Complementary

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



57, 11.828, 320.315



60, 11.764, 139.245

Rectangle

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



57, 11.828, 320.315



57, 11.828, 10.315



57, 11.828, 140.315



57, 11.828, 190.315

Sweetspot

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



57, 11.826, 320.315



76, 4.829, 319.934



57, 8.466, 282.804



40, 3.424, 319.971



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



57, 11.826, 320.315



71, 17.033, 320.419



57, 9.957, 335.756



29, 5.492, 320.185



28, 74.100, 322.033



1, 4.768, 319.796

Inverse Universe

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



57, 7.405, 6.858



71, 10.714, 7.099



60, 9.895, 154.149



29, 3.420, 6.567



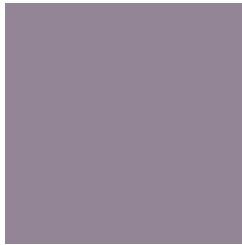
28, 59.305, 30.464



1, 2.919, 5.822

Previews

White Background



This preview shows how the CIELCh color 57, 11.828, 320.315 looks on a white background.

Color Contrast Check

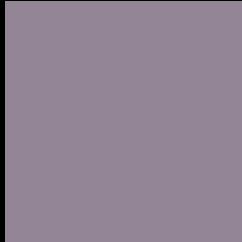
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.828, 320.315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

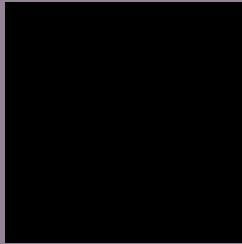
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 11.828, 320.315

Background



This preview shows how black text looks on a background with the CIELCh color 57, 11.828, 320.315.



This preview shows how white text looks on a background with the CIELCh color 57, 11.828, 320.315.

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, 11.828, 320.315

Protanopia

57, 9.134, 288.909

Deuteranopia

57, 10.629, 314.482



Tritanopia
57, 8.097, 329.457

Trichromacy



Original Color
57, 11.828, 320.315

Protanomaly
57, 9.286, 300.583

Deuteranomaly
57, 10.786, 316.369

Tritanomaly
57, 9.005, 324.893

Monochromacy



Original Color
57, 11.828, 320.315

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 4.647, 320.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 11.828, 320.315 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(147, 132, 150)` looks like.

```
.text, #text, p{  
    color:rgb(147, 132, 150)  
}
```

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(147, 132, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 132, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 11.828, 320.315 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(147, 132, 150) }
```

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

```
.border{ border-color:rgb(147, 132, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 132, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 132, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 132, 150);  
box-shadow:4px 4px 4px 4px rgb(147, 132,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 11.828, 320.315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 132, 150) }
```

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

```
.background{ background-color: rgb(147,  
132, 150) }
```

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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