

Converting Colors

CIELCh(57, 23.209, 320.312)

Have a look what the booklet for
CIELCh(57, 23.209, 320.312)
contains.

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Color

CIELCh(57, 23.279, 319.938)

Conversions

Conversions Part 1

Format	Color
Hex	9C7FA3
RGB	156, 127, 163
RGB Percent	61%, 50%, 64%
CMY	0.3879, 0.5016, 0.3605
CMYK	0.04, 0.22, 0.00, 0.36
HSL	288°, 16%, 57%
HSV	288°, 22%, 64%
XYZ	27.9443, 24.9227, 38.0270
YIQ	139.7750, 5.7280, 17.3440

Conversions

Conversions Part 2

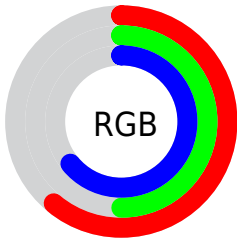
Format	Color
R _Y B	156, 127, 163
Decimal	10256291
CIE Lab	57.00, 17.82, -14.98
CIE LCh	57, 23.279, 319.938
Yxy	24.9227, 0.3074, 0.2742
Android (android.graphics.Color)	4288446371 (0xFF9C7FA3)
YUV	139.7750, 11.4499, 14.2293
Hunter-Lab	49.9226, 12.5511, -10.2165

Details

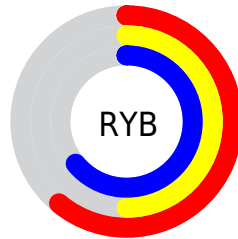
The CIELCh color $57, 23.279, 319.938$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $64, 23.048, 137.891$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 23.281, 320.056$, and $37, 22.840, 319.684$ is the 20% darker color. If you saturate the color by 10%, you get $53, 33.928, 320.374$, and if you desaturate by 10%, it is $61, 12.646, 319.490$.

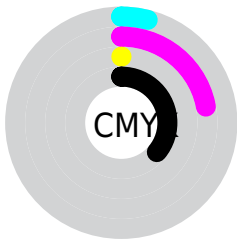
Distribution



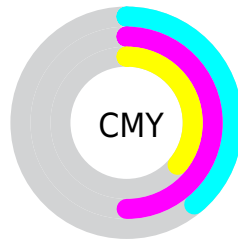
- Red (61%)
- Green (50%)
- Blue (64%)



- Red (61%)
- Yellow (50%)
- Blue (64%)



- Cyan (4%)
- Magenta (22%)
- Yellow (0%)
- Black (36%)



- Cyan (39%)
- Magenta (50%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 23.279, 319.938 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, 23.279, 319.938 by changing the saturation by 10% instead.

■ 57, 23.279,
319.938

■ 57, 23.279,
319.938

■ 100, 23.279,
319.938

■ 47, 23.279,
319.938

■ 77, 23.279,
319.938

■ 37, 23.279,
319.938

■ 87, 23.279,
319.938

■ 27, 23.279,
319.938

■ 97, 23.279,
319.938

■ 17, 23.279,
319.938

■ 7, 23.279, 319.938

■ 0, 23.279, 319.938

57, 23.279,
319.938

57, 23.279,
319.938

53, 33.928,
320.374

61, 12.646,
319.490

49, 44.410,
320.781

66, 2.159, 318.985

45, 54.449,
321.134

71, 8.111, 138.670

41, 63.673,
321.399

75, 18.121,
138.259

38, 71.633,
321.537

80, 27.852,
137.883

36, 77.864,
321.503

85, 37.298,
137.535


34, 82.012,
321.262

89, 46.462,
137.215

33, 84.203,

93, 53.892,
136.819

320.965

 94, 53.319,
135.861

Harmonies

Complementary

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



57, 23.279, 319.938



64, 23.048, 137.891

Rectangle

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



57, 23.279, 319.938



57, 23.279, 9.938



57, 23.279, 139.938



57, 23.279, 189.938

Sweetspot

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



57, 23.277, 319.938



81, 9.027, 319.263



56, 16.604, 283.267



43, 5.915, 319.289



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, 23.277, 319.938



70, 33.962, 320.132



57, 19.953, 335.804



32, 5.914, 319.362



29, 77.367, 321.030



1, 9.011, 317.547

Inverse Universe

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



57, 15.091, 5.890



70, 22.202, 6.452



64, 19.780, 152.643



32, 3.746, 4.453



30, 60.754, 28.727



1, 5.658, 5.086

Previews

White Background



This preview shows how the CIELCh color 57, 23.279, 319.938 looks on a white background.

Color Contrast Check

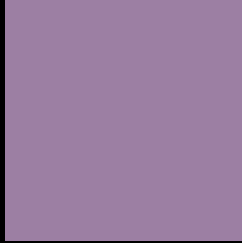
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.279, 319.938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

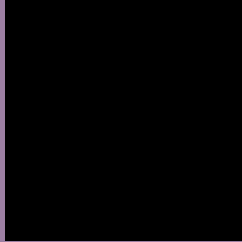
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 23.279, 319.938

Background



This preview shows how black text looks on a background with the CIELCh color 57, 23.279, 319.938.



This preview shows how white text looks on a background with the CIELCh color 57, 23.279, 319.938.

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, 23.279, 319.938

Protanopia

57, 18.917, 284.926

Deuteranopia

57, 16.092, 297.208



Tritanopia
57, 10.401, 347.395

Trichromacy



Original Color
57, 23.279, 319.938

Protanomaly
57, 19.593, 298.702

Deuteranomaly
57, 18.537, 308.285

Tritanomaly
57, 14.300, 331.766

Monochromacy



Original Color
57, 23.279, 319.938

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 8.574, 320.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 23.279, 319.938 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(156, 127, 163)` looks like.

```
.text, #text, p{  
    color:rgb(156, 127, 163)  
}
```

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(156, 127, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 127, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 23.279, 319.938 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(156, 127, 163) }
```

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

```
.border{ border-color:rgb(156, 127, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 127, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 127, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 127, 163);  
box-shadow:4px 4px 4px 4px rgb(156, 127,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 23.279, 319.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 127, 163) }
```

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

```
.background{ background-color: rgb(156,  
127, 163) }
```

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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