

Converting Colors

CIELCh(57, 21.294, 323.139)

Have a look what the booklet for
CIELCh(57, 21.294, 323.139)
contains.

CIELCh(57, 21.525, 323.747)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 21.525, 323.747)

Conversions

Conversions Part 1

Format	Color
Hex	9D7F9F
RGB	157, 127, 159
RGB Percent	62%, 50%, 62%
CMY	0.3836, 0.5012, 0.3757
CMYK	0.01, 0.20, 0.00, 0.38
HSL	296°, 14%, 56%
HSV	296°, 20%, 62%
XYZ	27.8288, 24.9227, 36.2305
YIQ	139.6180, 7.6080, 16.3120

Conversions

Conversions Part 2

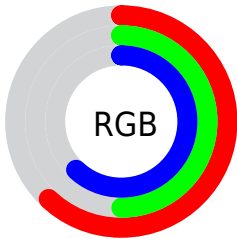
Format	Color
R_{YB}	157, 127, 159
Decimal	10321823
CIE _{Lab}	57.00, 17.36, -12.73
CIE _{LCh}	57, 21.525, 323.747
Yxy	24.9227, 0.3127, 0.2801
Android (android.graphics.Color)	4288511903 (0xFF9D7F9F)
YUV	139.6180, 9.5553, 15.2440
Hunter-Lab	49.9226, 12.1383, -8.0829

Details

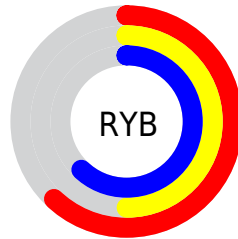
The CIELCh color $57, 21.525, 323.747$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $63, 21.458, 141.609$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 21.635, 323.656$, and $37, 21.444, 322.978$ is the 20% darker color. If you saturate the color by 10%, you get $53, 32.242, 324.237$, and if you desaturate by 10%, it is $61, 10.766, 323.240$.

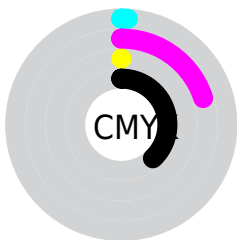
Distribution



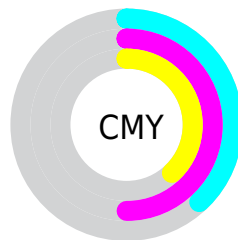
- Red (62%)
- Green (50%)
- Blue (62%)



- Red (62%)
- Yellow (50%)
- Blue (62%)



- Cyan (1%)
- Magenta (20%)
- Yellow (0%)
- Black (38%)





- Cyan (38%)
- Magenta (50%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 21.525, 323.747 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, 21.525, 323.747 by changing the saturation by 10% instead.


 57, 21.525,
323.747


 57, 21.525,
323.747


 100, 21.525,
323.747


 47, 21.525,
323.747


 77, 21.525,
323.747

 37, 21.525,
323.747

 87, 21.525,
323.747

 27, 21.525,
323.747

 97, 21.525,
323.747

 17, 21.525,
323.747

 7, 21.525, 323.747

 0, 21.525, 323.747

57, 21.525,
323.747

57, 21.525,
323.747

53, 32.242,
324.237

61, 10.766,
323.240

49, 42.707,
324.699

66, 0.117, 321.013

46, 52.626,
325.116

70, 10.328,
142.301

43, 61.627,
325.465

74, 20.514,
141.825

40, 69.296,
325.724

79, 30.412,
141.378

38, 75.238,
325.871

83, 40.010,
140.958


37, 79.193,
325.893

88, 49.309,
140.565

36, 81.540,

92, 58.317,
140.199

325.816

 93, 58.392,
139.951

Harmonies

Complementary

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



57, 21.525, 323.747



63, 21.458, 141.609

Rectangle

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



57, 21.525, 323.747



57, 21.525, 13.747



57, 21.525, 143.747



57, 21.525, 193.747

Sweetspot

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



57, 21.523, 323.747



80, 7.883, 323.029



55, 17.187, 289.684



42, 5.273, 323.062



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



57, 21.523, 323.747



70, 31.791, 323.963



57, 16.244, 341.819



31, 5.988, 323.196



32, 75.304, 325.838



1, 7.753, 322.369

Inverse Universe

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



56, 13.146, 15.889



69, 19.686, 16.368



63, 15.960, 158.596



31, 3.542, 14.842



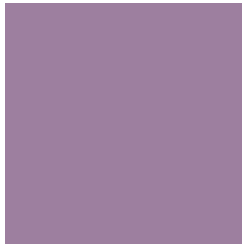
29, 64.992, 36.627



1, 4.494, 14.486

Previews

White Background



This preview shows how the CIELCh color 57, 21.525, 323.747 looks on a white background.

Color Contrast Check

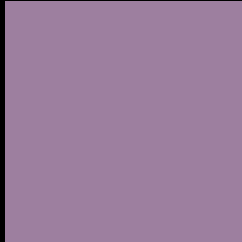
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.525, 323.747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

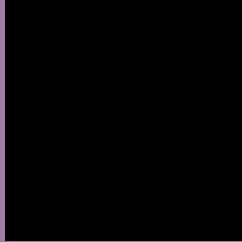
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 21.525, 323.747

Background



This preview shows how black text looks on a background with the CIELCh color 57, 21.525, 323.747.



This preview shows how white text looks on a background with the CIELCh color 57, 21.525, 323.747.

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, 21.525, 323.747

Protanopia

57, 16.596, 285.949

Deuteranopia

57, 13.928, 300.912



Tritanopia
57, 11.711, 348.426

Trichromacy



Original Color
57, 21.525, 323.747

Protanomaly
57, 17.443, 301.751

Deuteranomaly
57, 15.814, 311.111

Tritanomaly
57, 15.096, 335.294

Monochromacy



Original Color
57, 21.525, 323.747

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 8.088, 322.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 21.525, 323.747 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(157, 127, 159)` looks like.

```
.text, #text, p{  
    color:rgb(157, 127, 159)  
}
```

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(157, 127, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 127, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 21.525, 323.747 is called "border". The border property can be set on classes, ids or directly on the HTML element.

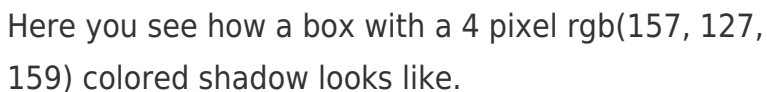
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 127, 159) }
```

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

```
.border{ border-color:rgb(157, 127, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 127, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 127, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 127, 159); box-shadow:4px 4px 4px 4px rgb(157, 127, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 21.525, 323.747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 127, 159) }
```

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

```
.background{ background-color: rgb(157,  
127, 159) }
```

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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