

Converting Colors

CIELCh(57, 32.709, 310.518)

Have a look what the booklet for
CIELCh(57, 32.709, 310.518)
contains.

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Color

CIELCh(57, 32.383, 310.510)

Conversions

Conversions Part 1

Format	Color
Hex	997EB4
RGB	153, 126, 180
RGB Percent	60%, 49%, 71%
CMY	0.4007, 0.5065, 0.2948
CMYK	0.15, 0.30, 0.00, 0.29
HSL	270°, 26%, 60%
HSV	270°, 30%, 71%
XYZ	28.7638, 24.9227, 46.3798
YIQ	140.2290, -1.2420, 22.5180

Conversions

Conversions Part 2

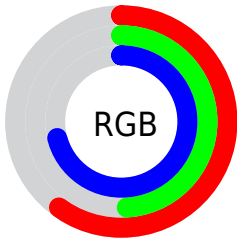
Format	Color
R_{YB}	153, 126, 180
Decimal	10059444
CIE _{Lab}	57.00, 21.04, -24.62
CIE _{LCh}	57, 32.383, 310.510
Yxy	24.9227, 0.2874, 0.2491
Android (android.graphics.Color)	4288249524 (0xFF997EB4)
YUV	140.2290, 19.6071, 11.2002
Hunter-Lab	49.9226, 15.4812, -20.1366

Details

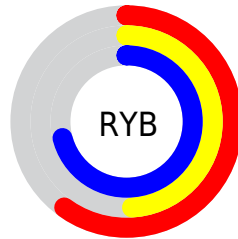
The CIELCh color **57, 32.383, 310.510** is a light color, and the websafe version is hex **996699**. A complement of this color would be **70, 31.065, 127.687**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 32.329, 310.519**, and **37, 32.150, 310.306** is the 20% darker color. If you saturate the color by 10%, you get **52, 43.600, 311.048**, and if you desaturate by 10%, it is **62, 21.328, 309.990**.

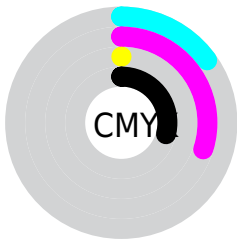
Distribution



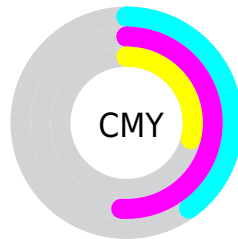
- Red (60%)
- Green (49%)
- Blue (71%)



- Red (60%)
- Yellow (49%)
- Blue (71%)



- Cyan (15%)
- Magenta (30%)
- Yellow (0%)
- Black (29%)





- Cyan (40%)
- Magenta (51%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 32.383, 310.510 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, 32.383, 310.510 by changing the saturation by 10% instead.


 57, 32.383,
310.510


 57, 32.383,
310.510


 100, 32.383,
310.510


 47, 32.383,
310.510


 77, 32.383,
310.510

 37, 32.383,
310.510

 87, 32.383,
310.510

 27, 32.383,
310.510

 97, 32.383,
310.510

 17, 32.383,
310.510

 7, 32.383, 310.510

 0, 32.383, 310.510

57, 32.383,
310.510

57, 32.383,
310.510

52, 43.600,
311.048

62, 21.328,
309.990

47, 54.820,
311.578

68, 10.531,
309.500

42, 65.758,
312.058

73, 0.031, 305.584

37, 75.961,
312.419

79, 10.153,
128.680

33, 84.788,
312.568

84, 20.023,
128.320

30, 91.483,
312.395

89, 29.584,
128.004

28, 95.986,
311.918

95, 38.850,
127.728

96, 39.585,
124.077

■ 97, 38.679,
119.368

Harmonies

Complementary

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



57, 32.383, 310.510



70, 31.065, 127.687

Rectangle

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



57, 32.383, 310.510



57, 32.383, 0.510



57, 32.383, 130.510



57, 32.383, 180.510

Sweetspot

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



57, 32.381, 310.510



87, 11.725, 309.459



62, 17.105, 258.190



45, 8.157, 309.528



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



57, 32.381, 310.510



69, 48.534, 310.864



60, 35.938, 325.572



35, 5.909, 309.467



23, 85.090, 312.062



1, 13.840, 305.232

Inverse Universe

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



59, 25.812, 346.405



72, 38.446, 347.160



68, 35.911, 141.981



35, 4.756, 344.370



32, 57.951, 1.310



2, 10.605, 349.860

Previews

White Background



This preview shows how the CIELCh color 57, 32.383, 310.510 looks on a white background.

Color Contrast Check

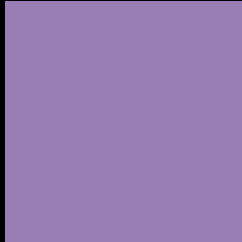
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 57, 32.383, 310.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

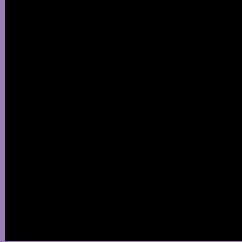
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 32.383, 310.510

Background



This preview shows how black text looks on a background with the CIELCh color 57, 32.383, 310.510.



This preview shows how white text looks on a background with the CIELCh color 57, 32.383, 310.510.

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, 32.383, 310.510

Protanopia

57, 29.807, 285.465

Deuteranopia

57, 24.578, 287.470



Tritanopia
57, 7.933, 334.305

Trichromacy



Original Color
57, 32.383, 310.510

Protanomaly
57, 29.721, 294.202

Deuteranomaly
57, 26.950, 296.876

Tritanomaly
57, 16.566, 317.386

Monochromacy



Original Color
57, 32.383, 310.510

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 11.520, 310.506

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 32.383, 310.510 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(153, 126, 180)` looks like.

```
.text, #text, p{  
    color:rgb(153, 126, 180)  
}
```

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(153, 126, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 126, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 32.383, 310.510 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(153, 126, 180) }
```

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

```
.border{ border-color:rgb(153, 126, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 126, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 126, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 126, 180);  
box-shadow:4px 4px 4px 4px rgb(153, 126,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 32.383, 310.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 126, 180) }
```

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

```
.background{ background-color: rgb(153,  
126, 180) }
```

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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