

Converting Colors

CIELCh(53, 15.639, 313.190)

Have a look what the booklet for
CIELCh(53, 15.639, 313.190)
contains.

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Color

CIELCh(53, 15.639, 313.190)

Conversions

Conversions Part 1

Format	Color
Hex	887992
RGB	136, 121, 146
RGB Percent	53%, 47%, 57%
CMY	0.4660, 0.5248, 0.4268
CMYK	0.07, 0.17, 0.00, 0.43
HSL	276°, 10%, 52%
HSV	276°, 17%, 57%
XYZ	22.2422, 21.0462, 30.1565
YIQ	128.3350, 0.9150, 10.9550

Conversions

Conversions Part 2

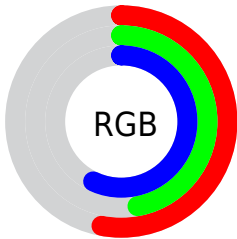
Format	Color
RYB	136, 121, 146
Decimal	8944018
CIELab	53.00, 10.70, -11.40
CIElCh	53, 15.639, 313.190
Yxy	21.0462, 0.3028, 0.2866
Android (android.graphics.Color)	4287134098 (0xFF887992)
YUV	128.3350, 8.7088, 6.7222
Hunter-Lab	45.8761, 6.2592, -6.8607

Details

The CIELCh color $53, 15.639, 313.190$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $59, 15.364, 131.767$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 15.849, 312.799$, and $33, 15.664, 313.743$ is the 20% darker color. If you saturate the color by 10%, you get $49, 25.037, 313.638$, and if you desaturate by 10%, it is $57, 6.420, 312.752$.

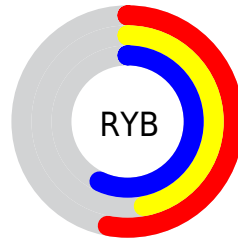
Distribution



Red (53%)

Green (47%)

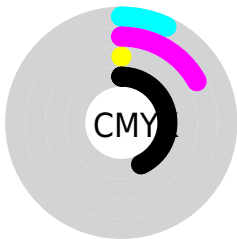
Blue (57%)



Red (53%)

Yellow (47%)

Blue (57%)

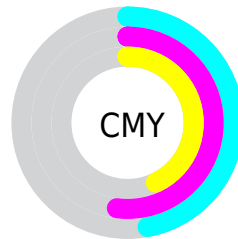


Cyan (7%)

Magenta (17%)

Yellow (0%)

Black (43%)



Cyan (47%)


Magenta (52%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 15.639, 313.190 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 53, 15.639, 313.190 by changing the saturation by 10% instead.


 53, 15.639,
313.190


 53, 15.639,
313.190


 100, 15.639,
313.190


 43, 15.639,
313.190


 73, 15.639,
313.190

 33, 15.639,
313.190

 83, 15.639,
313.190

 23, 15.639,
313.190

 93, 15.639,
313.190

 13, 15.639,
313.190

 3, 15.639, 313.190

 0, 15.639, 313.190

53, 15.639,
313.190

53, 15.639,
313.190

49, 25.037,
313.638

57, 6.420, 312.752

44, 34.538,
314.092

62, 2.571, 132.419

40, 44.000,
314.527

66, 11.314,
132.018

36, 53.198,
314.910

71, 19.804,
131.682

33, 61.796,
315.189

75, 28.043,
131.383

29, 69.338,
315.297

80, 36.038,
131.116

27, 75.291,
315.153

84, 43.800,
130.881

25, 79.414,

89, 51.340,
130.673

314.725

■ 93, 58.670,
130.492

■ 24, 80.560,
314.611

Harmonies

Complementary

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



53, 15.639, 313.190



59, 15.364, 131.767

Rectangle

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



53, 15.639, 313.190



53, 15.639, 3.190



53, 15.639, 133.190



53, 15.639, 183.190

Sweetspot

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



53, 15.637, 313.189



75, 5.613, 312.663



54, 9.303, 267.797



39, 3.862, 312.692



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



53, 15.637, 313.189



66, 24.016, 313.383



54, 16.233, 328.223



29, 5.166, 312.844



22, 77.097, 314.669



1, 4.471, 312.481

Inverse Universe

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



53, 11.576, 350.963



67, 17.793, 351.424



58, 16.205, 146.206



29, 3.816, 350.170



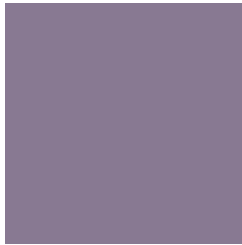
29, 53.521, 10.298



1, 3.291, 349.412

Previews

White Background



This preview shows how the CIELCh color 53, 15.639, 313.190 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 53, 15.639, 313.190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

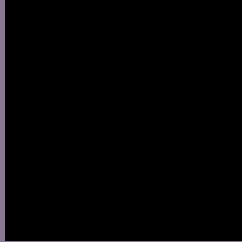
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 15.639, 313.190

Background



This preview shows how black text looks on a background with the CIELCh color 53, 15.639, 313.190.



This preview shows how white text looks on a background with the CIELCh color 53, 15.639, 313.190.

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

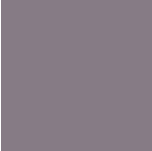
53, 15.639, 313.190

Protanopia

53, 13.354, 285.522

Deuteranopia

53, 13.639, 302.902



Tritanopia
53, 7.269, 327.423

Trichromacy



Original Color
53, 15.639, 313.190

Protanomaly
53, 13.977, 296.447

Deuteranomaly
53, 14.481, 306.920

Tritanomaly
53, 10.608, 319.669

Monochromacy



Original Color
53, 15.639, 313.190

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 5.735, 314.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 15.639, 313.190 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(136, 121, 146)` looks like.

```
.text, #text, p{  
    color:rgb(136, 121, 146)  
}
```

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(136, 121, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 121, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 15.639, 313.190 is called "border". The border property can be set on classes, ids or directly on the HTML element.

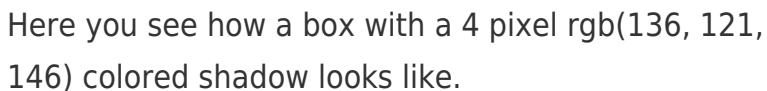
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 121, 146) }
```

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

```
.border{ border-color:rgb(136, 121, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(136, 121, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 121, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 121, 146); box-shadow:4px 4px 4px 4px rgb(136, 121, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 15.639, 313.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 121, 146) }
```

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

```
.background{ background-color: rgb(136,  
121, 146) }
```

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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