

Converting Colors

CIELCh(50, 15.656, 339.220)

Have a look what the booklet for
CIELCh(50, 15.656, 339.220)
contains.

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Color

CIELCh(50, 15.635, 339.209)

Conversions

Conversions Part 1

Format	Color
Hex	8C6F81
RGB	140, 111, 129
RGB Percent	55%, 44%, 51%
CMY	0.4523, 0.5660, 0.4954
CMYK	0.00, 0.21, 0.08, 0.45
HSL	323°, 12%, 49%
HSV	323°, 21%, 55%
XYZ	20.3459, 18.4187, 23.1345
YIQ	121.7230, 11.5060, 11.7460

Conversions

Conversions Part 2

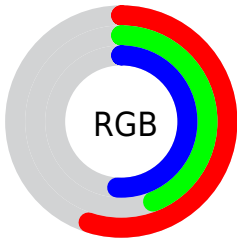
Format	Color
R_{YB}	140, 111, 129
Decimal	9203585
CIE _{Lab}	50.00, 14.62, -5.55
CIE _{LCh}	50, 15.635, 339.209
Yxy	18.4187, 0.3287, 0.2976
Android (android.graphics.Color)	4287393665 (0xFF8C6F81)
YUV	121.7230, 3.5876, 16.0289
Hunter-Lab	42.9170, 9.5177, -1.9185

Details

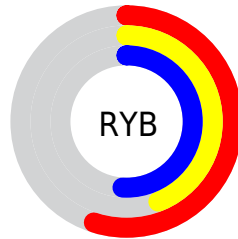
The CIELCh color $50, 15.635, 339.209$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $55, 15.426, 156.078$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 15.613, 339.227$, and $30, 15.880, 339.443$ is the 20% darker color. If you saturate the color by 10%, you get $46, 23.226, 340.060$, and if you desaturate by 10%, it is $54, 8.043, 338.417$.

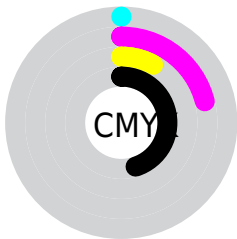
Distribution



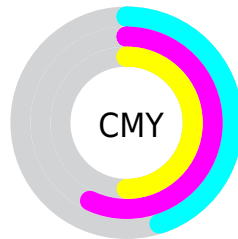
- Red (55%)
- Green (44%)
- Blue (51%)



- Red (55%)
- Yellow (44%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (45%)





- Cyan (45%)
- Magenta (57%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 15.635, 339.209 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 50, 15.635, 339.209 by changing the saturation by 10% instead.


 50, 15.635,
339.209


 50, 15.635,
339.209


 100, 15.635,
339.209


 40, 15.635,
339.209


 70, 15.635,
339.209

 30, 15.635,
339.209


 80, 15.635,
339.209


 20, 15.635,
339.209

 90, 15.635,
339.209

 10, 15.635,
339.209

 0, 15.635, 339.209

 50, 15.635,
339.209

 50, 15.635,
339.209

46, 23.226,
340.060

54, 8.043, 338.417

43, 30.659,
340.991

58, 0.562, 337.236

40, 37.699,
342.028

62, 6.747, 157.105

37, 44.044,
343.210

66, 13.850,
156.458

34, 49.338,
344.591

70, 20.734,
155.866

32, 53.237,
346.248

74, 27.398,
155.314

31, 55.509,
348.279

78, 33.847,
154.798

30, 56.620,
350.431

82, 40.093,
154.314

86, 46.149,
153.859

Harmonies

Complementary

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



50, 15.635, 339.209



55, 15.426, 156.078

Rectangle

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



50, 15.635, 339.209



50, 15.635, 29.209



50, 15.635, 159.209



50, 15.635, 209.209

Sweetspot

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



50, 15.633, 339.210



71, 5.525, 338.052



49, 17.612, 305.420



37, 3.695, 338.097



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



50, 15.633, 339.210



62, 23.322, 339.608



50, 12.288, 10.383



27, 4.167, 338.292



28, 54.581, 350.283



0, 1.918, 337.675

Inverse Universe

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



50, 15.633, 339.210



62, 23.322, 339.608



56, 11.140, 186.825



27, 4.167, 338.292



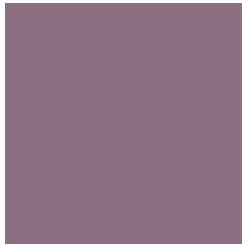
28, 54.581, 350.283



0, 1.918, 337.675

Previews

White Background



This preview shows how the CIELCh color 50, 15.635, 339.209 looks on a white background.

Color Contrast Check

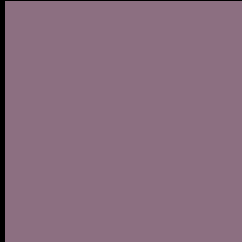
Large Text (above 18pt) WCAG AA ✓ Pass

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 50, 15.635, 339.209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

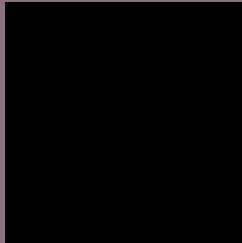
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 15.635, 339.209

Background



This preview shows how black text looks on a background with the CIELCh color 50, 15.635, 339.209.



This preview shows how white text looks on a background with the CIELCh color 50, 15.635, 339.209.

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

50, 15.635, 339.209

Protanopia

50, 8.785, 288.829

Deuteranopia

50, 8.300, 322.605



Tritanopia
50, 12.216, 355.550

Trichromacy



Original Color
50, 15.635, 339.209

Protanomaly
50, 10.208, 313.793

Deuteranomaly
50, 10.910, 332.134

Tritanomaly
50, 12.984, 348.474

Monochromacy



Original Color
50, 15.635, 339.209

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 6.041, 337.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 15.635, 339.209 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(140, 111, 129)` looks like.

```
.text, #text, p{  
    color:rgb(140, 111, 129)  
}
```

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(140, 111, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 111, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 15.635, 339.209 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(140, 111, 129) }
```

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

```
.border{ border-color:rgb(140, 111, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 111, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 111, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 111, 129);  
box-shadow:4px 4px 4px 4px rgb(140, 111,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 15.635, 339.209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 111, 129) }
```

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

```
.background{ background-color: rgb(140,  
111, 129) }
```

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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