

Converting Colors

CIELCh(51, 14.537, 313.707)

Have a look what the booklet for
CIELCh(51, 14.537, 313.707)
contains.

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Color

CIELCh(51, 14.679, 314.868)

Conversions

Conversions Part 1

Format	Color
Hex	83748B
RGB	131, 116, 139
RGB Percent	51%, 45%, 55%
CMY	0.4852, 0.5441, 0.4539
CMYK	0.06, 0.17, 0.00, 0.45
HSL	279°, 9%, 50%
HSV	279°, 17%, 55%
XYZ	20.3559, 19.2686, 27.1745
YIQ	123.1070, 1.5570, 10.3330

Conversions

Conversions Part 2

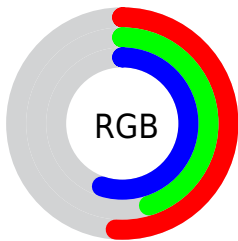
Format	Color
R_{YB}	131, 116, 139
Decimal	8615051
CIE _{Lab}	51.00, 10.36, -10.40
CIE _{LCh}	51, 14.679, 314.868
Yxy	19.2686, 0.3047, 0.2885
Android (android.graphics.Color)	4286805131 (0xFF83748B)
YUV	123.1070, 7.8352, 6.9222
Hunter-Lab	43.8960, 5.9577, -5.9772

Details

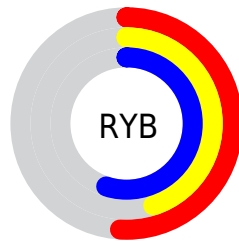
The CIELCh color $51, 14.679, 314.868$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 14.466, 133.511$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 14.427, 315.177$, and $31, 14.485, 314.046$ is the 20% darker color. If you saturate the color by 10%, you get $47, 23.780, 315.300$, and if you desaturate by 10%, it is $55, 5.731, 314.439$.

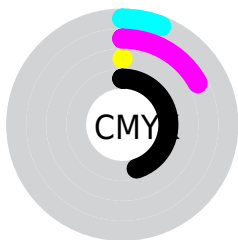
Distribution



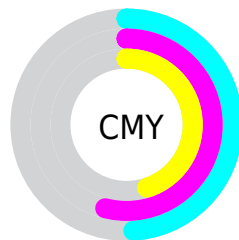
- Red (51%)
- Green (45%)
- Blue (55%)



- Red (51%)
- Yellow (45%)
- Blue (55%)



- Cyan (6%)
- Magenta (17%)
- Yellow (0%)
- Black (45%)




- Cyan (49%)
- Magenta (54%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 14.679, 314.868 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 51, 14.679, 314.868 by changing the saturation by 10% instead.


 51, 14.679,
314.868


 51, 14.679,
314.868


 100, 14.679,
314.868


 41, 14.679,
314.868

 71, 14.679,
314.868

 31, 14.679,
314.868

 81, 14.679,
314.868

 21, 14.679,
314.868

 91, 14.679,
314.868

 11, 14.679,
314.868

 1, 14.679, 314.868

 0, 14.679, 314.868

51, 14.679,
314.868

51, 14.679,
314.868

47, 23.780,
315.300

55, 5.731, 314.439

43, 32.950,
315.730

59, 3.010, 134.111

39, 42.045,
316.137

64, 11.521,
133.716

35, 50.843,
316.487

68, 19.792,
133.378

32, 59.021,
316.735

72, 27.824,
133.074

29, 66.157,
316.821

76, 35.620,
132.800

26, 71.775,
316.675


81, 43.191,
132.556

25, 75.657,

85, 50.547,
132.339

316.267

 89, 57.699,
132.147

 24, 76.942,
316.133

Harmonies

Complementary

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



51, 14.679, 314.868



56, 14.466, 133.511

Rectangle

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



51, 14.679, 314.868



51, 14.679, 4.868



51, 14.679, 134.868



51, 14.679, 184.868

Sweetspot

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



51, 14.677, 314.867



71, 5.438, 314.376



52, 9.121, 272.007



37, 3.741, 314.404



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



51, 14.677, 314.867



63, 22.099, 315.036



52, 14.550, 329.790



27, 4.929, 314.552



23, 74.230, 316.180



0, 2.265, 314.199

Inverse Universe

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



51, 10.433, 354.263



64, 15.743, 354.691



56, 14.513, 147.798



27, 3.487, 353.498



27, 52.610, 15.006



0, 1.593, 352.730

Previews

White Background



This preview shows how the CIELCh color 51, 14.679, 314.868 looks on a white background.

Color Contrast Check

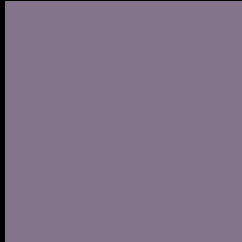
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 14.679, 314.868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

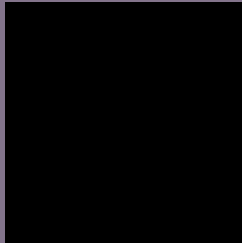
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 14.679, 314.868

Background



This preview shows how black text looks on a background with the CIELCh color 51, 14.679, 314.868.



This preview shows how white text looks on a background with the CIELCh color 51, 14.679, 314.868.

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

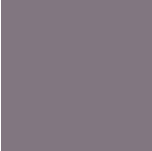
51, 14.679, 314.868

Protanopia

51, 12.296, 284.816

Deuteranopia

51, 12.598, 303.894



Tritanopia
51, 7.321, 327.440

Trichromacy



Original Color
51, 14.679, 314.868

Protanomaly
51, 12.918, 296.798

Deuteranomaly
51, 13.467, 308.202

Tritanomaly
51, 10.180, 321.263

Monochromacy



Original Color
51, 14.679, 314.868

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 5.084, 313.535

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 14.679, 314.868 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(131, 116, 139)` looks like.

```
.text, #text, p{  
    color:rgb(131, 116, 139)  
}
```

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(131, 116, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 116, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 14.679, 314.868 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(131, 116, 139) }
```

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

```
.border{ border-color:rgb(131, 116, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 116, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 116, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 116, 139);  
box-shadow:4px 4px 4px 4px rgb(131, 116,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 14.679, 314.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 116, 139) }
```

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

```
.background{ background-color: rgb(131,  
116, 139) }
```

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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