

Converting Colors

CIELCh(51, 22.335, 332.627)

Have a look what the booklet for
CIELCh(51, 22.335, 332.627)
contains.

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Color

CIELCh(51, 22.168, 332.681)

Conversions

Conversions Part 1

Format	Color
Hex	936E8B
RGB	147, 110, 139
RGB Percent	58%, 43%, 55%
CMY	0.4229, 0.5680, 0.4543
CMYK	0.00, 0.25, 0.05, 0.42
HSL	313°, 15%, 50%
HSV	313°, 25%, 58%
XYZ	22.3226, 19.2686, 27.0261
YIQ	124.3690, 12.7430, 16.8630

Conversions

Conversions Part 2

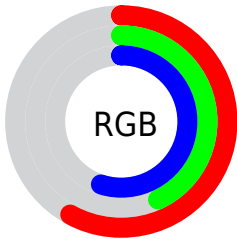
Format	Color
R_{YB}	147, 110, 139
Decimal	9662091
CIE _{Lab}	51.00, 19.70, -10.17
CIE _{LCh}	51, 22.168, 332.681
Yxy	19.2686, 0.3253, 0.2808
Android (android.graphics.Color)	4287852171 (0xFF936E8B)
YUV	124.3690, 7.2131, 19.8474
Hunter-Lab	43.8960, 13.9554, -5.7767

Details

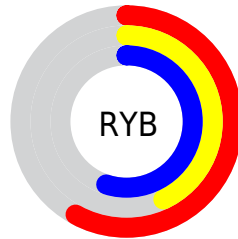
The CIELCh color $51, 22.168, 332.681$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 22.057, 149.309$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 21.809, 332.873$, and $31, 22.095, 332.877$ is the 20% darker color. If you saturate the color by 10%, you get $47, 30.896, 333.361$, and if you desaturate by 10%, it is $55, 13.314, 332.023$.

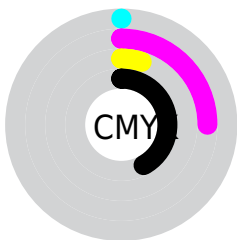
Distribution



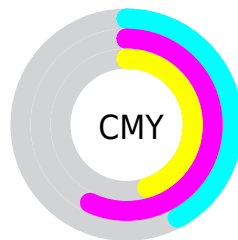
- Red (58%)
- Green (43%)
- Blue (55%)



- Red (58%)
- Yellow (43%)
- Blue (55%)



- Cyan (0%)
- Magenta (25%)
- Yellow (5%)
- Black (42%)





- Cyan (42%)
- Magenta (57%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 22.168, 332.681 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, 22.168, 332.681 by changing the saturation by 10% instead.


 51, 22.168,
332.681


 51, 22.168,
332.681


 100, 22.168,
332.681


 41, 22.168,
332.681


 71, 22.168,
332.681

 31, 22.168,
332.681

 81, 22.168,
332.681

 21, 22.168,
332.681

 91, 22.168,
332.681

 11, 22.168,
332.681

 1, 22.168, 332.681

 0, 22.168, 332.681

51, 22.168,
332.681

51, 22.168,
332.681

47, 30.896,
333.361

55, 13.314,
332.023

44, 39.278,
334.067

59, 4.497, 331.361

41, 47.012,
334.803

63, 4.184, 150.878

38, 53.734,
335.580

67, 12.666,
150.267

36, 59.063,
336.418

71, 20.917,
149.716

34, 62.679,
337.344

76, 28.923,
149.197


33, 64.476,
338.395

80, 36.684,
148.708

33, 65.087,

84, 44.207,
148.246

338.923

 88, 51.501,
147.811

Harmonies

Complementary

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



51, 22.168, 332.681



58, 22.057, 149.309

Rectangle

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



51, 22.168, 332.681



51, 22.168, 22.681



51, 22.168, 152.681



51, 22.168, 202.681

Sweetspot

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



51, 22.166, 332.682



73, 8.670, 331.567



48, 22.053, 299.945



38, 6.216, 331.660



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



51, 22.166, 332.682



63, 32.722, 333.050



50, 16.475, 358.537



29, 4.968, 331.636



31, 62.072, 338.845



1, 4.317, 331.100

Inverse Universe

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



51, 22.166, 332.682



63, 32.722, 333.050



58, 15.337, 173.608



29, 4.968, 331.636



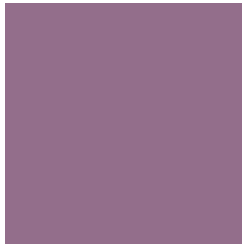
31, 62.072, 338.845



1, 4.317, 331.100

Previews

White Background



This preview shows how the CIELCh color 51, 22.168, 332.681 looks on a white background.

Color Contrast Check

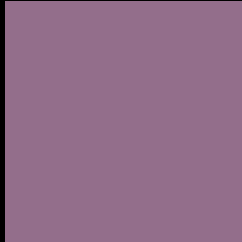
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 22.168, 332.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

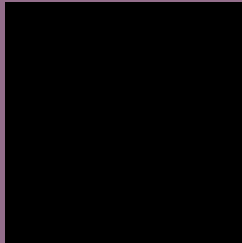
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 22.168, 332.681

Background



This preview shows how black text looks on a background with the CIELCh color 51, 22.168, 332.681.



This preview shows how white text looks on a background with the CIELCh color 51, 22.168, 332.681.

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, 22.168, 332.681

Protanopia

51, 14.637, 284.875

Deuteranopia

51, 11.446, 305.065



Tritanopia
51, 14.101, 359.482

Trichromacy



Original Color
51, 22.168, 332.681

Protanomaly
51, 16.274, 305.430

Deuteranomaly
51, 14.657, 320.035

Tritanomaly
51, 16.524, 347.339

Monochromacy



Original Color
51, 22.168, 332.681

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 7.803, 332.199

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 22.168, 332.681 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(147, 110, 139)` looks like.

```
.text, #text, p{  
    color:rgb(147, 110, 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(147, 110, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 110, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 22.168, 332.681 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(147, 110, 139) }
```

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

```
.border{ border-color:rgb(147, 110, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 110, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 110, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 110, 139);  
box-shadow:4px 4px 4px 4px rgb(147, 110,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 22.168, 332.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 110, 139) }
```

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

```
.background{ background-color: rgb(147,  
110, 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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