

Converting Colors

CIELCh(51, 22.668, 334.316)

Have a look what the booklet for
CIELCh(51, 22.668, 334.316)
contains.

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Color

CIELCh(51, 22.667, 334.305)

Conversions

Conversions Part 1

Format	Color
Hex	956E8B
RGB	149, 110, 139
RGB Percent	58%, 43%, 55%
CMY	0.4173, 0.5702, 0.4565
CMYK	0.00, 0.26, 0.07, 0.42
HSL	315°, 15%, 51%
HSV	315°, 26%, 58%
XYZ	22.4815, 19.2686, 26.8036
YIQ	124.9670, 13.9350, 17.2870

Conversions

Conversions Part 2

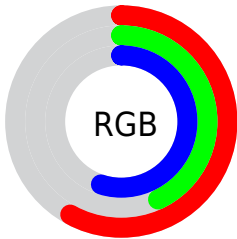
Format	Color
R_{YB}	149, 110, 139
Decimal	9793163
CIE _{Lab}	51.00, 20.43, -9.83
CIE _{LCh}	51, 22.667, 334.305
Yxy	19.2686, 0.3279, 0.2811
Android (android.graphics.Color)	4287983243 (0xFF956E8B)
YUV	124.9670, 6.9183, 21.0769
Hunter-Lab	43.8960, 14.6014, -5.4762

Details

The CIELCh color $51, 22.667, 334.305$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 22.507, 150.639$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 22.545, 335.125$, and $31, 22.599, 334.697$ is the 20% darker color. If you saturate the color by 10%, you get $47, 31.212, 335.035$, and if you desaturate by 10%, it is $55, 13.986, 333.609$.

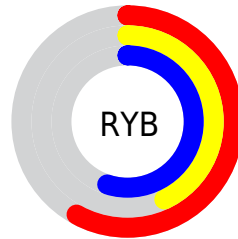
Distribution



Red (58%)

Green (43%)

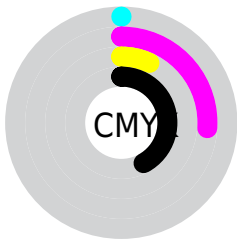
Blue (55%)



Red (58%)

Yellow (43%)

Blue (55%)

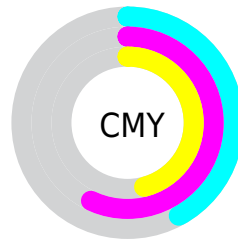


Cyan (0%)

Magenta (26%)

Yellow (7%)

Black (42%)



Cyan (42%)


Magenta (57%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 22.667, 334.305 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, 22.667, 334.305 by changing the saturation by 10% instead.


 51, 22.667,
334.305


 51, 22.667,
334.305


 100, 22.667,
334.305


 41, 22.667,
334.305


 71, 22.667,
334.305

 31, 22.667,
334.305

 81, 22.667,
334.305

 21, 22.667,
334.305

 91, 22.667,
334.305

 11, 22.667,
334.305

 1, 22.667, 334.305

 0, 22.667, 334.305

51, 22.667,
334.305

51, 22.667,
334.305

47, 31.212,
335.035

55, 13.986,
333.609

44, 39.396,
335.805

59, 5.335, 332.924

41, 46.909,
336.627

63, 3.183, 152.432

38, 53.383,
337.521

67, 11.507,
151.781

36, 58.431,
338.516

72, 19.603,
151.211

34, 61.742,
339.654

76, 27.457,
150.677

33, 63.281,
340.979

80, 35.069,
150.174

33, 63.716,

84, 42.446,
149.700

341.494

 89, 49.599,
149.254

Harmonies

Complementary

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



51, 22.667, 334.305



58, 22.507, 150.639

Rectangle

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



51, 22.667, 334.305



51, 22.667, 24.305



51, 22.667, 154.305



51, 22.667, 204.305

Sweetspot

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



51, 22.665, 334.306



74, 8.517, 333.059



48, 23.328, 301.770



38, 6.041, 333.155



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, 22.665, 334.306



63, 33.238, 334.695



50, 17.036, 2.261



29, 4.828, 333.130



30, 60.354, 341.379



1, 4.194, 332.576

Inverse Universe

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



51, 22.665, 334.306



63, 33.238, 334.695



59, 15.580, 177.090



29, 4.828, 333.130



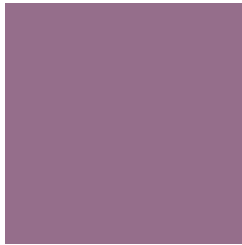
30, 60.354, 341.379



1, 4.194, 332.576

Previews

White Background



This preview shows how the CIELCh color 51, 22.667, 334.305 looks on a white background.

Color Contrast Check

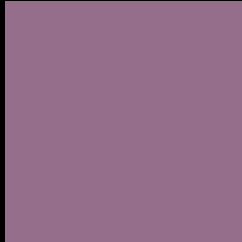
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.667, 334.305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

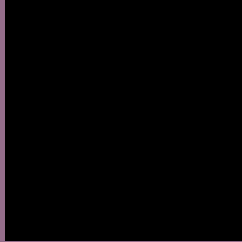
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 22.667, 334.305

Background



This preview shows how black text looks on a background with the CIELCh color 51, 22.667, 334.305.



This preview shows how white text looks on a background with the CIELCh color 51, 22.667, 334.305.

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, 22.667, 334.305

Protanopia
51, 14.637, 284.875

Deuteranopia
51, 10.882, 305.757



Tritanopia
51, 14.331, 2.354

Trichromacy



Original Color
51, 22.667, 334.305

Protanomaly
51, 15.804, 307.237

Deuteranomaly
51, 14.657, 320.035

Tritanomaly
51, 16.583, 349.906

Monochromacy



Original Color
51, 22.667, 334.305

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 8.772, 333.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 22.667, 334.305 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(149, 110, 139)` looks like.

```
.text, #text, p{  
    color:rgb(149, 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(149, 110, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 110, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 22.667, 334.305 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(149, 110, 139) }
```

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

```
.border{ border-color:rgb(149, 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(149, 110, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 110, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 110, 139);  
box-shadow:4px 4px 4px 4px rgb(149, 110,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 22.667, 334.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 110, 139) }
```

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

```
.background{ background-color: rgb(149,  
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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