

Converting Colors

CIELCh(50, 24.798, 339.874)

Have a look what the booklet for
CIELCh(50, 24.798, 339.874)
contains.

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Color

CIELCh(50, 24.683, 339.587)

Conversions

Conversions Part 1

Format	Color
Hex	976986
RGB	151, 105, 134
RGB Percent	59%, 41%, 53%
CMY	0.4077, 0.5880, 0.4743
CMYK	0.00, 0.30, 0.11, 0.41
HSL	322°, 18%, 50%
HSV	322°, 30%, 59%
XYZ	22.1337, 18.4187, 24.9596
YIQ	122.0600, 18.1070, 18.7710

Conversions

Conversions Part 2

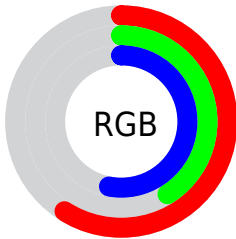
Format	Color
R_{YB}	151, 105, 134
Decimal	9922950
CIE _{Lab}	50.00, 23.13, -8.61
CIE _{LCh}	50, 24.683, 339.587
Yxy	18.4187, 0.3379, 0.2811
Android (android.graphics.Color)	4288113030 (0xFF976986)
YUV	122.0600, 5.8864, 25.3804
Hunter-Lab	42.9170, 16.9537, -4.4399

Details

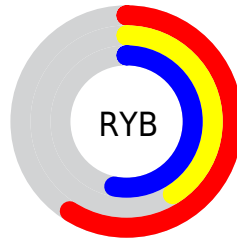
The CIELCh color $50, 24.683, 339.587$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 24.257, 154.724$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 24.498, 339.927$, and $30, 24.402, 339.913$ is the 20% darker color. If you saturate the color by 10%, you get $46, 32.651, 340.508$, and if you desaturate by 10%, it is $54, 16.536, 338.746$.

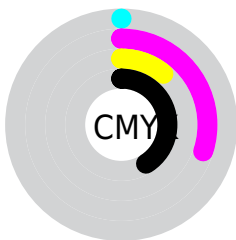
Distribution



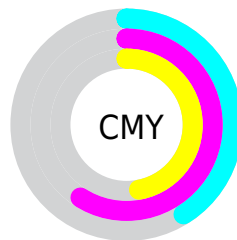
- Red (59%)
- Green (41%)
- Blue (53%)



- Red (59%)
- Yellow (41%)
- Blue (53%)



- Cyan (0%)
- Magenta (30%)
- Yellow (11%)
- Black (41%)




- Cyan (41%)
- Magenta (59%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 24.683, 339.587 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, 24.683, 339.587 by changing the saturation by 10% instead.


 50, 24.683,
339.587


 50, 24.683,
339.587


 100, 24.683,
339.587


 40, 24.683,
339.587


 70, 24.683,
339.587

 30, 24.683,
339.587


 80, 24.683,
339.587

 20, 24.683,
339.587

 90, 24.683,
339.587

 10, 24.683,
339.587

 0, 24.683, 339.587

 50, 24.683,
339.587

 50, 24.683,
339.587

46, 32.651,
340.508

54, 16.536,
338.746

43, 40.195,
341.531

58, 8.393, 337.958

40, 46.981,
342.693

62, 0.366, 336.476

67, 7.476, 156.649

37, 52.627,
344.047

71, 15.097,
156.006

35, 56.758,
345.669

75, 22.482,
155.416

34, 59.129,
347.653

80, 29.630,
154.865

33, 60.169,
349.859

84, 36.548,
154.350

88, 43.248,
153.867

Harmonies

Complementary

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



50, 24.683, 339.587



59, 24.257, 154.724

Rectangle

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



50, 24.683, 339.587



50, 24.683, 29.587



50, 24.683, 159.587



50, 24.683, 209.587

Sweetspot

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



50, 24.681, 339.588



75, 8.939, 337.859



48, 27.979, 306.061



39, 6.268, 337.964



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



50, 24.681, 339.588



61, 37.053, 340.249



49, 19.748, 11.629



30, 4.581, 337.863



30, 57.070, 349.666



1, 4.873, 337.716

Inverse Universe

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



50, 24.681, 339.588



61, 37.053, 340.249



59, 16.998, 185.979



30, 4.581, 337.863



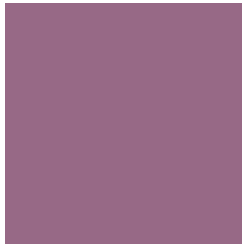
30, 57.070, 349.666



1, 4.873, 337.716

Previews

White Background



This preview shows how the CIE LCh color 50, 24.683, 339.587 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, 24.683, 339.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

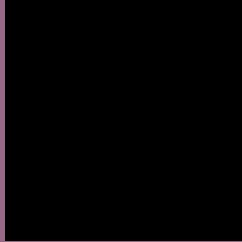
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 24.683, 339.587

Background



This preview shows how black text looks on a background with the CIELCh color 50, 24.683, 339.587.



This preview shows how white text looks on a background with the CIELCh color 50, 24.683, 339.587.

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, 24.683, 339.587

Protanopia

50, 14.670, 286.335

Deuteranopia

50, 10.049, 311.713



Tritanopia
50, 17.795, 4.681

Trichromacy



Original Color
50, 24.683, 339.587

Protanomaly
50, 16.781, 310.562

Deuteranomaly
50, 15.061, 326.554

Tritanomaly
50, 19.796, 354.071

Monochromacy



Original Color
50, 24.683, 339.587

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 8.995, 340.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 24.683, 339.587 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(151, 105, 134)` looks like.

```
.text, #text, p{  
    color:rgb(151, 105, 134)  
}
```

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(151, 105, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 105, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 24.683, 339.587 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(151, 105, 134) }
```

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

```
.border{ border-color:rgb(151, 105, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 105, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 105, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 105, 134);  
box-shadow:4px 4px 4px 4px rgb(151, 105,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 24.683, 339.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 105, 134) }
```

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

```
.background{ background-color: rgb(151,  
105, 134) }
```

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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