

Converting Colors

CIELCh(51, 25.460, 341.547)

Have a look what the booklet for
CIELCh(51, 25.460, 341.547)
contains.

CIELCh(51, 25.479, 341.576)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(51, 25.479, 341.576)

Conversions

Conversions Part 1

Format	Color
Hex	9C6B88
RGB	156, 107, 136
RGB Percent	61%, 42%, 53%
CMY	0.3894, 0.5814, 0.4677
CMYK	0.00, 0.31, 0.13, 0.39
HSL	324°, 20%, 51%
HSV	324°, 31%, 61%
XYZ	23.3088, 19.2686, 25.6807
YIQ	124.9570, 19.8950, 19.4070

Conversions

Conversions Part 2

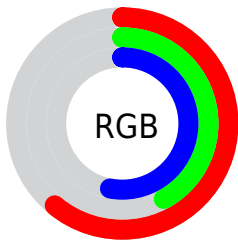
Format	Color
R_{YB}	156, 107, 136
Decimal	10251144
CIE Lab	51.00, 24.17, -8.05
CIE LCh	51, 25.479, 341.576
Yxy	19.2686, 0.3415, 0.2823
Android (android.graphics.Color)	4288441224 (0xFF9C6B88)
YUV	124.9570, 5.4442, 27.2247
Hunter-Lab	43.8960, 17.9656, -3.9595

Details

The CIELCh color $51, 25.479, 341.576$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 24.906, 156.312$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 25.287, 341.752$, and $31, 25.197, 342.168$ is the 20% darker color. If you saturate the color by 10%, you get $47, 33.442, 342.578$, and if you desaturate by 10%, it is $55, 17.329, 340.673$.

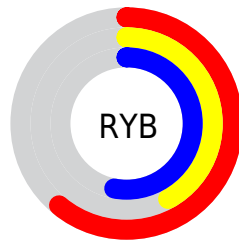
Distribution



Red (61%)

Green (42%)

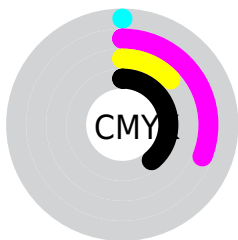
Blue (53%)



Red (61%)

Yellow (42%)

Blue (53%)

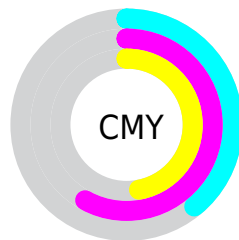


Cyan (0%)

Magenta (31%)

Yellow (13%)

Black (39%)



Cyan (39%)


Magenta (58%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 25.479, 341.576 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, 25.479, 341.576 by changing the saturation by 10% instead.


 51, 25.479,
341.576


 51, 25.479,
341.576


 100, 25.479,
341.576


 41, 25.479,
341.576


 71, 25.479,
341.576

 31, 25.479,
341.576

 81, 25.479,
341.576

 21, 25.479,
341.576

 91, 25.479,
341.576

 11, 25.479,
341.576

 1, 25.479, 341.576

 0, 25.479, 341.576

51, 25.479,
341.576

51, 25.479,
341.576

47, 33.442,
342.578

55, 17.329,
340.673

44, 40.963,
343.710

59, 9.183, 339.838

40, 47.696,
345.019

64, 1.158, 338.851

68, 6.678, 158.469

38, 53.247,
346.573

72, 14.285,
157.796

36, 57.245,
348.467

77, 21.651,
157.184

34, 59.466,
350.817

81, 28.774,
156.617

34, 60.384,
353.138

86, 35.662,
156.087

■ 90, 42.328,
155.591

Harmonies

Complementary

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



51, 25.479, 341.576



60, 24.906, 156.312

Rectangle

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



51, 25.479, 341.576



51, 25.479, 31.576



51, 25.479, 161.576



51, 25.479, 211.576

Sweetspot

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



51, 25.477, 341.577



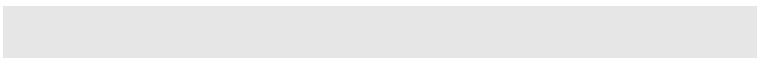
76, 8.882, 339.653



49, 29.789, 307.248



40, 6.229, 339.764



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



51, 25.477, 341.577



62, 37.885, 342.294



50, 20.937, 14.345



31, 4.581, 339.660



31, 56.755, 352.880



1, 5.812, 340.482

Inverse Universe

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



51, 25.477, 341.577



62, 37.885, 342.294



61, 17.667, 188.775



31, 4.581, 339.660



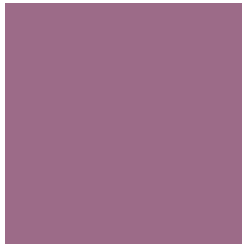
31, 56.755, 352.880



1, 5.812, 340.482

Previews

White Background



This preview shows how the CIELCh color 51, 25.479, 341.576 looks on a white background.

Color Contrast Check

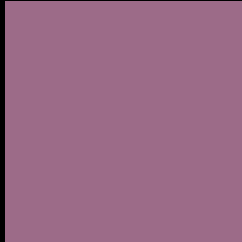
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.479, 341.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

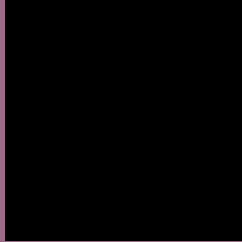
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 25.479, 341.576

Background



This preview shows how black text looks on a background with the CIELCh color 51, 25.479, 341.576.



This preview shows how white text looks on a background with the CIELCh color 51, 25.479, 341.576.

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, 25.479, 341.576

Protanopia

51, 14.027, 285.952

Deuteranopia

51, 10.163, 313.783



Tritanopia
51, 18.865, 7.670

Trichromacy



Original Color
51, 25.479, 341.576

Protanomaly
51, 16.288, 312.476

Deuteranomaly
51, 15.476, 329.023

Tritanomaly
51, 20.640, 357.317

Monochromacy



Original Color
51, 25.479, 341.576

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 9.642, 339.057

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 25.479, 341.576 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(156, 107, 136)` looks like.

```
.text, #text, p{  
    color:rgb(156, 107, 136)  
}
```

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(156, 107, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 107, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 25.479, 341.576 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(156, 107, 136) }
```

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

```
.border{ border-color:rgb(156, 107, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 107, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 107, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 107, 136);  
box-shadow:4px 4px 4px 4px rgb(156, 107,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 25.479, 341.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 107, 136) }
```

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

```
.background{ background-color: rgb(156,  
107, 136) }
```

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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