

Converting Colors

CIELCh(51, 24.621, 325.726)

Have a look what the booklet for
CIELCh(51, 24.621, 325.726)
contains.

CIELCh(51, 24.386, 325.715)	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, 24.386, 325.715)

Conversions

Conversions Part 1

Format	Color
Hex	916E91
RGB	145, 110, 145
RGB Percent	57%, 43%, 57%
CMY	0.4307, 0.5680, 0.4307
CMYK	0.00, 0.24, 0.00, 0.43
HSL	300°, 14%, 50%
HSV	300°, 24%, 57%
XYZ	22.4212, 19.2686, 29.3902
YIQ	124.4550, 9.6250, 18.3050

Conversions

Conversions Part 2

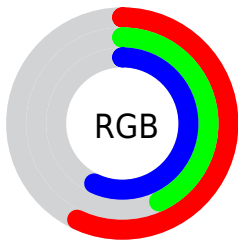
Format	Color
R_{YB}	145, 110, 145
Decimal	9531025
CIE _{Lab}	51.00, 20.15, -13.74
CIE _{LCh}	51, 24.386, 325.715
Yxy	19.2686, 0.3154, 0.2711
Android (android.graphics.Color)	4287721105 (0xFF916E91)
YUV	124.4550, 10.1287, 18.0180
Hunter-Lab	43.8960, 14.3562, -8.9699

Details

The CIELCh color $51, 24.386, 325.715$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 24.373, 142.897$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 24.305, 325.444$, and $31, 24.531, 325.309$ is the 20% darker color. If you saturate the color by 10%, you get $47, 34.374, 326.231$, and if you desaturate by 10%, it is $55, 14.245, 325.180$.

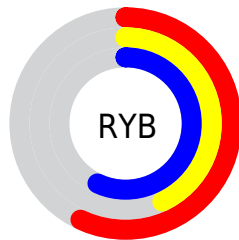
Distribution



Red (57%)

Green (43%)

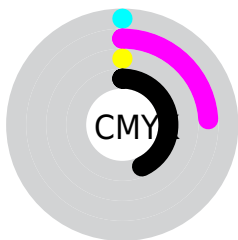
Blue (57%)



Red (57%)

Yellow (43%)

Blue (57%)

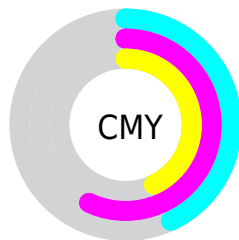


Cyan (0%)

Magenta (24%)

Yellow (0%)

Black (43%)



Cyan (43%)


Magenta (57%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 24.386, 325.715 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, 24.386, 325.715 by changing the saturation by 10% instead.


 51, 24.386,
325.715


 51, 24.386,
325.715


 100, 24.386,
325.715


 41, 24.386,
325.715


 71, 24.386,
325.715

 31, 24.386,
325.715

 81, 24.386,
325.715

 21, 24.386,
325.715

 91, 24.386,
325.715

 11, 24.386,
325.715

 1, 24.386, 325.715

 0, 24.386, 325.715

51, 24.386,
325.715

51, 24.386,
325.715

47, 34.374,
326.231

55, 14.245,
325.180

44, 43.972,
326.715

59, 4.132, 324.613

63, 5.836, 144.171

41, 52.868,
327.153

67, 15.584,
143.636

39, 60.702,
327.530

71, 25.068,
143.138

37, 67.109,
327.831

75, 34.267,
142.665

35, 71.800,
328.047


79, 43.175,
142.218

35, 74.669,
328.177

83, 51.795,
141.798

34, 75.946,

328.235

 87, 60.138,
141.405

Harmonies

Complementary

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



51, 24.386, 325.715



57, 24.373, 142.897

Rectangle

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



51, 24.386, 325.715



51, 24.386, 15.715



51, 24.386, 145.715



51, 24.386, 195.715

Sweetspot

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



51, 24.384, 325.715



73, 8.718, 324.795



48, 20.697, 292.904



38, 5.648, 324.823



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



51, 24.384, 325.715



63, 36.277, 326.001



50, 17.352, 345.741



28, 5.608, 324.909



32, 72.100, 328.235



1, 3.767, 324.440

Inverse Universe

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



51, 24.384, 325.715



63, 36.277, 326.001



57, 16.853, 161.562



28, 5.608, 324.909



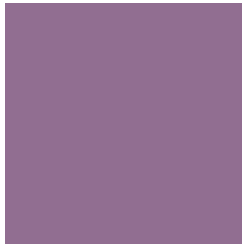
32, 72.100, 328.235



1, 3.767, 324.440

Previews

White Background



This preview shows how the CIELCh color 51, 24.386, 325.715 looks on a white background.

Color Contrast Check

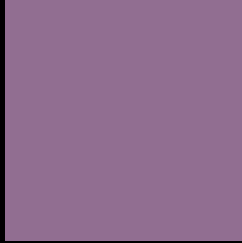
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.386, 325.715 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, 24.386, 325.715

Background



This preview shows how black text looks on a background with the CIELCh color 51, 24.386, 325.715.



This preview shows how white text looks on a background with the CIELCh color 51, 24.386, 325.715.

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, 24.386, 325.715

Protanopia

51, 18.727, 286.014

Deuteranopia

51, 14.696, 297.819



Tritanopia
51, 12.554, 356.397

Trichromacy



Original Color
51, 24.386, 325.715

Protanomaly
51, 20.216, 301.995

Deuteranomaly
51, 17.375, 311.152

Tritanomaly
51, 15.889, 340.224

Monochromacy



Original Color
51, 24.386, 325.715

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 8.467, 324.899

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 24.386, 325.715 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(145, 110, 145)` looks like.

```
.text, #text, p{  
    color:rgb(145, 110, 145)  
}
```

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(145, 110, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 110, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 24.386, 325.715 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(145, 110, 145) }
```

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

```
.border{ border-color:rgb(145, 110, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 110, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 110, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 110, 145);  
box-shadow:4px 4px 4px 4px rgb(145, 110,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 24.386, 325.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 110, 145) }
```

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

```
.background{ background-color: rgb(145,  
110, 145) }
```

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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