

Converting Colors

CIELCh(51, 25.998, 326.759)

Have a look what the booklet for
CIELCh(51, 25.998, 326.759)
contains.

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Color

CIELCh(51, 25.942, 326.534)

Conversions

Conversions Part 1

Format	Color
Hex	936D92
RGB	147, 109, 146
RGB Percent	58%, 43%, 57%
CMY	0.4229, 0.5719, 0.4268
CMYK	0.00, 0.26, 0.01, 0.42
HSL	302°, 15%, 50%
HSV	302°, 26%, 58%
XYZ	22.7477, 19.2686, 29.7799
YIQ	124.5800, 10.7710, 19.5630

Conversions

Conversions Part 2

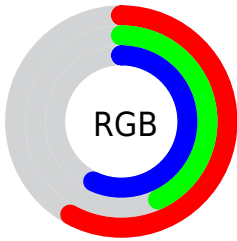
Format	Color
R _Y B	147, 109, 146
Decimal	9661842
CIE _{Lab}	51.00, 21.64, -14.31
CIE _{LCh}	51, 25.942, 326.534
Y _{xy}	19.2686, 0.3168, 0.2684
Android (android.graphics.Color)	4287851922 (0xFF936D92)
YUV	124.5800, 10.5601, 19.6623
Hunter-Lab	43.8960, 15.6838, -9.4962

Details

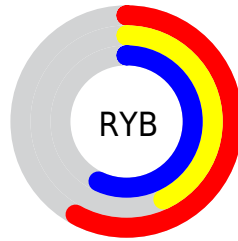
The CIELCh color $51, 25.942, 326.534$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 25.928, 143.455$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 25.795, 326.201$, and $31, 25.649, 327.072$ is the 20% darker color. If you saturate the color by 10%, you get $47, 35.821, 327.060$, and if you desaturate by 10%, it is $55, 15.876, 325.991$.

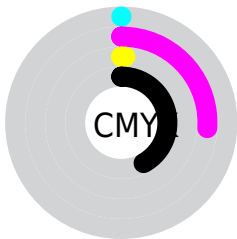
Distribution



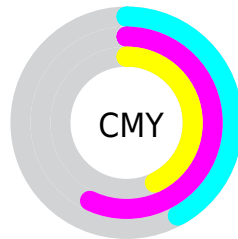
- Red (58%)
- Green (43%)
- Blue (57%)



- Red (58%)
- Yellow (43%)
- Blue (57%)



- Cyan (0%)
- Magenta (26%)
- Yellow (1%)
- Black (42%)





- Cyan (42%)
- Magenta (57%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 25.942, 326.534 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, 25.942, 326.534 by changing the saturation by 10% instead.


 51, 25.942,
326.534


 51, 25.942,
326.534


 100, 25.942,
326.534


 41, 25.942,
326.534


 71, 25.942,
326.534

 31, 25.942,
326.534

 81, 25.942,
326.534

 21, 25.942,
326.534

 91, 25.942,
326.534

 11, 25.942,
326.534

 1, 25.942, 326.534

 0, 25.942, 326.534

51, 25.942,
326.534

51, 25.942,
326.534

47, 35.821,
327.060

55, 15.876,
325.991

44, 45.264,
327.558

59, 5.815, 325.428

41, 53.946,
328.014

63, 4.118, 144.982

39, 61.497,
328.416

67, 13.841,
144.426

37, 67.551,
328.752

71, 23.308,
143.919

36, 71.834,
329.016

75, 32.496,
143.438


35, 74.325,
329.214

79, 41.397,
142.982

34, 75.172,

84, 50.014,
142.554

329.288

 88, 58.357,
142.151

Harmonies

Complementary

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



51, 25.942, 326.534



57, 25.928, 143.455

Rectangle

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



51, 25.942, 326.534



51, 25.942, 16.534



51, 25.942, 146.534



51, 25.942, 196.534

Sweetspot

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



51, 25.940, 326.534



73, 9.901, 325.565



47, 22.499, 293.710



38, 7.098, 325.644



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, 25.940, 326.534



63, 38.485, 326.842



50, 18.622, 346.866



29, 5.672, 325.624



32, 71.629, 329.282



1, 4.934, 325.148

Inverse Universe

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



51, 25.940, 326.534



63, 38.485, 326.842



58, 18.002, 162.270



29, 5.672, 325.624



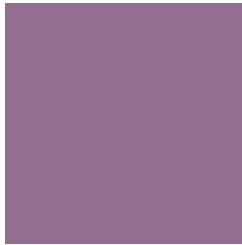
32, 71.629, 329.282



1, 4.934, 325.148

Previews

White Background



This preview shows how the CIELCh color 51, 25.942, 326.534 looks on a white background.

Color Contrast Check

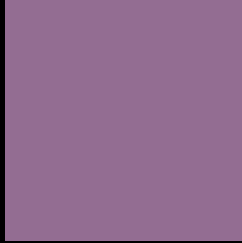
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.942, 326.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

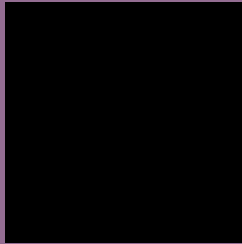
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 25.942, 326.534

Background



This preview shows how black text looks on a background with the CIELCh color 51, 25.942, 326.534.



This preview shows how white text looks on a background with the CIELCh color 51, 25.942, 326.534.

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, 25.942, 326.534

Protanopia

51, 19.910, 285.590

Deuteranopia

51, 14.659, 296.371



Tritanopia
51, 13.130, 0.377

Trichromacy



Original Color
51, 25.942, 326.534

Protanomaly
51, 20.789, 301.772

Deuteranomaly
51, 18.613, 311.132

Tritanomaly
51, 17.168, 341.579

Monochromacy



Original Color
51, 25.942, 326.534

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 9.872, 324.978

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 25.942, 326.534 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, 109, 146)` looks like.

```
.text, #text, p{  
    color:rgb(147, 109, 146)  
}
```

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, 109, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 109, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 25.942, 326.534 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, 109, 146) }
```

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

```
.border{ border-color:rgb(147, 109, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 109, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 109, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 109, 146);  
box-shadow:4px 4px 4px 4px rgb(147, 109,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 25.942, 326.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 109, 146) }
```

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

```
.background{ background-color: rgb(147,  
109, 146) }
```

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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