

Converting Colors

CIELCh(51, 24.147, 332.183)

Have a look what the booklet for
CIELCh(51, 24.147, 332.183)
contains.

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Color

CIELCh(51, 24.176, 332.193)

Conversions

Conversions Part 1

Format	Color
Hex	956D8D
RGB	149, 109, 141
RGB Percent	58%, 43%, 55%
CMY	0.4155, 0.5723, 0.4468
CMYK	0.00, 0.27, 0.05, 0.42
HSL	312°, 16%, 51%
HSV	312°, 27%, 58%
XYZ	22.6913, 19.2686, 27.7446
YIQ	124.6080, 13.5680, 18.4320

Conversions

Conversions Part 2

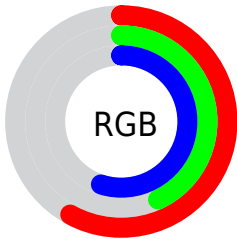
Format	Color
R_{YB}	149, 109, 141
Decimal	9792909
CIE _{Lab}	51.00, 21.38, -11.28
CIE _{LCh}	51, 24.176, 332.193
Yxy	19.2686, 0.3255, 0.2764
Android (android.graphics.Color)	4287982989 (0xFF956D8D)
YUV	124.6080, 8.0813, 21.3918
Hunter-Lab	43.8960, 15.4543, -6.7472

Details

The CIELCh color $51, 24.176, 332.193$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 24.070, 148.605$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 24.354, 332.189$, and $31, 24.198, 332.409$ is the 20% darker color. If you saturate the color by 10%, you get $47, 33.048, 332.861$, and if you desaturate by 10%, it is $55, 15.138, 331.545$.

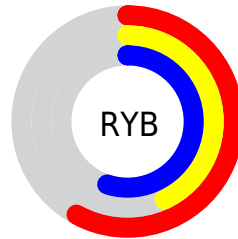
Distribution



Red (58%)

Green (43%)

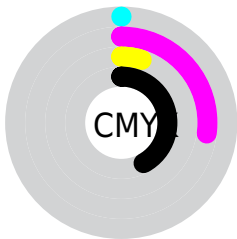
Blue (55%)



Red (58%)

Yellow (43%)

Blue (55%)

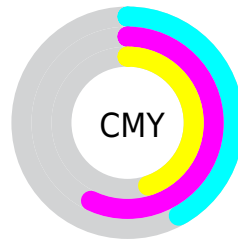


Cyan (0%)

Magenta (27%)

Yellow (5%)

Black (42%)



Cyan (42%)


Magenta (57%)


Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 24.176, 332.193 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, 24.176, 332.193 by changing the saturation by 10% instead.


 51, 24.176,
332.193


 51, 24.176,
332.193


 100, 24.176,
332.193


 41, 24.176,
332.193


 71, 24.176,
332.193

 31, 24.176,
332.193

 81, 24.176,
332.193

 21, 24.176,
332.193

 91, 24.176,
332.193

 11, 24.176,
332.193

 1, 24.176, 332.193

 0, 24.176, 332.193

51, 24.176,
332.193

51, 24.176,
332.193

47, 33.048,
332.861

55, 15.138,
331.545

44, 41.515,
333.548

59, 6.111, 330.900

41, 49.258,
334.260

63, 2.793, 150.434

38, 55.901,
335.005

67, 11.504,
149.797

36, 61.061,
335.799

71, 19.984,
149.244

35, 64.439,
336.670

76, 28.215,
148.724


34, 66.061,
337.643

80, 36.195,
148.234

33, 66.470,

84, 43.929,
147.771

337.956

 89, 51.428,
147.334

Harmonies

Complementary

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



51, 24.176, 332.193



58, 24.070, 148.605

Rectangle

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



51, 24.176, 332.193



51, 24.176, 22.193



51, 24.176, 152.193



51, 24.176, 202.193

Sweetspot

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



51, 24.174, 332.193



74, 8.866, 330.988



48, 23.858, 300.105



38, 6.289, 331.078



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, 24.174, 332.193



63, 35.651, 332.579



50, 17.813, 358.753



29, 5.026, 331.055



31, 62.805, 337.872



1, 4.368, 330.526

Inverse Universe

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



51, 24.174, 332.193



63, 35.651, 332.579



59, 16.497, 173.427



29, 5.026, 331.055



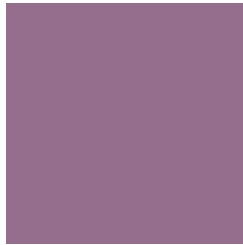
31, 62.805, 337.872



1, 4.368, 330.526

Previews

White Background



This preview shows how the CIELCh color 51, 24.176, 332.193 looks on a white background.

Color Contrast Check

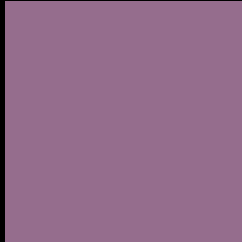
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.176, 332.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

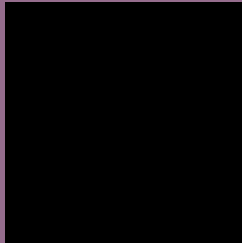
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 24.176, 332.193

Background



This preview shows how black text looks on a background with the CIELCh color 51, 24.176, 332.193.



This preview shows how white text looks on a background with the CIELCh color 51, 24.176, 332.193.

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, 24.176, 332.193

Protanopia

51, 16.400, 284.680

Deuteranopia

51, 11.931, 302.652



Tritanopia
51, 14.331, 2.354

Trichromacy



Original Color
51, 24.176, 332.193

Protanomaly
51, 17.406, 304.605

Deuteranomaly
51, 16.381, 318.341

Tritanomaly
51, 16.860, 348.184

Monochromacy



Original Color
51, 24.176, 332.193

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 9.198, 331.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 24.176, 332.193 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, 109, 141)` looks like.

```
.text, #text, p{  
    color:rgb(149, 109, 141)  
}
```

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, 109, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 109, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 24.176, 332.193 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, 109, 141) }
```

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

```
.border{ border-color:rgb(149, 109, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 109, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 109, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 109, 141); box-shadow:4px 4px 4px 4px rgb(149, 109, 141) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 24.176, 332.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 109, 141) }
```

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

```
.background{ background-color: rgb(149,  
109, 141) }
```

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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