

Converting Colors

CIELCh(51, 44.639, 318.262)

Have a look what the booklet for
CIELCh(51, 44.639, 318.262)
contains.

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Color

CIELCh(51, 44.758, 318.033)

Conversions

Conversions Part 1

Format	Color
Hex	9966AD
RGB	153, 102, 173
RGB Percent	60%, 40%, 68%
CMY	0.4003, 0.6003, 0.3219
CMYK	0.12, 0.41, 0.00, 0.32
HSL	283°, 30%, 54%
HSV	283°, 41%, 68%
XYZ	25.4031, 19.2686, 41.8779
YIQ	125.3430, 7.6050, 32.8930

Conversions

Conversions Part 2

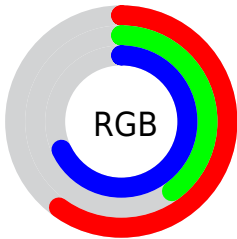
Format	Color
R _Y B	153, 102, 173
Decimal	10053293
CIE Lab	51.00, 33.28, -29.93
CIE LCh	51, 44.758, 318.033
Yxy	19.2686, 0.2935, 0.2226
Android (android.graphics.Color)	4288243373 (0xFF9966AD)
YUV	125.3430, 23.4949, 24.2552
Hunter-Lab	43.8960, 26.4820, -25.8369

Details

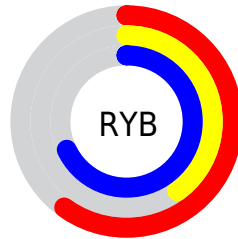
The CIELCh color $51, 44.758, 318.033$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $66, 43.542, 134.255$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 44.844, 317.773$, and $31, 44.726, 317.968$ is the 20% darker color. If you saturate the color by 10%, you get $47, 55.402, 318.396$, and if you desaturate by 10%, it is $56, 33.797, 317.622$.

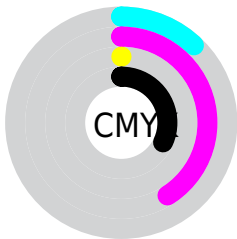
Distribution



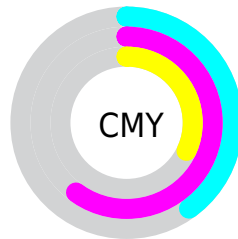
- Red (60%)
- Green (40%)
- Blue (68%)



- Red (60%)
- Yellow (40%)
- Blue (68%)



- Cyan (12%)
- Magenta (41%)
- Yellow (0%)
- Black (32%)





- Cyan (40%)
- Magenta (60%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 44.758, 318.033 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, 44.758, 318.033 by changing the saturation by 10% instead.


 51, 44.758,
318.033


 51, 44.758,
318.033


 100, 44.758,
318.033


 41, 44.758,
318.033


 71, 44.758,
318.033

 31, 44.758,
318.033

 81, 44.758,
318.033

 21, 44.758,
318.033

 91, 44.758,
318.033

 11, 44.758,
318.033

 1, 44.758, 318.033

 0, 44.758, 318.033

51, 44.758,
318.033

51, 44.758,
318.033

47, 55.402,
318.396

56, 33.797,
317.622

43, 65.374,
318.673

60, 22.775,
317.190

39, 74.199,
318.812

65, 11.850,
316.754

36, 81.335,
318.756

70, 1.124, 316.205

34, 86.302,
318.447

75, 9.349, 135.978

33, 89.180,
317.992

80, 19.539,
135.603

85, 29.438,
135.262

90, 39.044,
134.953

■ 94, 46.874,
134.448

Harmonies

Complementary

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



51, 44.758, 318.033



66, 43.542, 134.255

Rectangle

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



51, 44.758, 318.033



51, 44.758, 8.033



51, 44.758, 138.033



51, 44.758, 188.033

Sweetspot

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



51, 44.756, 318.033



82, 15.920, 316.805



52, 29.992, 281.548



42, 10.559, 316.859



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



51, 44.756, 318.033



61, 65.788, 318.357



53, 40.924, 333.829



34, 6.073, 316.678



28, 80.449, 318.093



2, 12.428, 313.490

Inverse Universe

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



52, 31.109, 2.220



62, 46.069, 3.867



65, 40.775, 147.732



34, 4.084, 358.049



31, 59.353, 21.733



2, 8.259, 1.004

Previews

White Background



This preview shows how the CIELCh color 51, 44.758, 318.033 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, 44.758, 318.033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

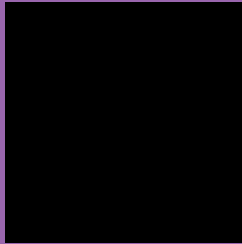
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 44.758, 318.033

Background



This preview shows how black text looks on a background with the CIELCh color 51, 44.758, 318.033.

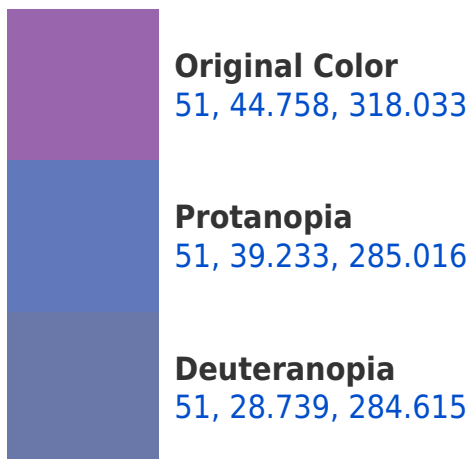


This preview shows how white text looks on a background with the CIELCh color 51, 44.758, 318.033.

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





Tritanopia
51, 14.101, 359.482

Trichromacy



Original Color
51, 44.758, 318.033

Protanomaly
51, 40.345, 296.863

Deuteranomaly
51, 33.576, 299.992

Tritanomaly
51, 23.940, 331.420

Monochromacy



Original Color
51, 44.758, 318.033

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 16.172, 317.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 44.758, 318.033 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(153, 102, 173)` looks like.

```
.text, #text, p{  
    color:rgb(153, 102, 173)  
}
```

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(153, 102, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 102, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 44.758, 318.033 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(153, 102, 173) }
```

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

```
.border{ border-color:rgb(153, 102, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 102, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 102, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 102, 173);  
box-shadow:4px 4px 4px 4px rgb(153, 102,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 44.758, 318.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 102, 173) }
```

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

```
.background{ background-color: rgb(153,  
102, 173) }
```

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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