

Converting Colors

CIELCh(51, 26.622, 0.188)

Have a look what the booklet for
CIELCh(51, 26.622, 0.188) contains.

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Color

CIELCh(51, 26.589, 0.153)

Conversions

Conversions Part 1

Format	Color
Hex	A4687A
RGB	164, 104, 122
RGB Percent	64%, 41%, 48%
CMY	0.3560, 0.5913, 0.5208
CMYK	0.00, 0.37, 0.26, 0.36
HSL	342°, 25%, 53%
HSV	342°, 37%, 64%
XYZ	23.8528, 19.2686, 20.9416
YIQ	123.9920, 29.9820, 18.3180

Conversions

Conversions Part 2

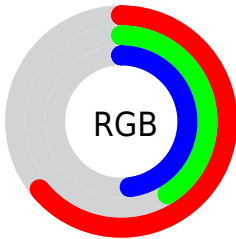
Format	Color
R_{YB}	164, 104, 122
Decimal	10774650
CIE _{Lab}	51.00, 26.59, 0.07
CIE _{LCh}	51, 26.589, 0.153
Yxy	19.2686, 0.3723, 0.3008
Android (android.graphics.Color)	4288964730 (0xFFA4687A)
YUV	123.9920, -0.9821, 35.0870
Hunter-Lab	43.8960, 20.1776, 2.4416

Details

The CIELCh color **51, 26.589, 0.153** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **63, 23.882, 172.334**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 26.450, 0.492**, and **31, 26.953, 0.669** is the 20% darker color. If you saturate the color by 10%, you get **47, 34.071, 1.844**, and if you desaturate by 10%, it is **55, 19.068, 358.751**.

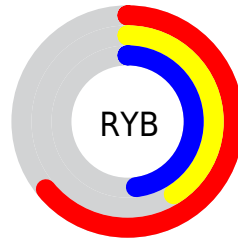
Distribution



Red (64%)

Green (41%)

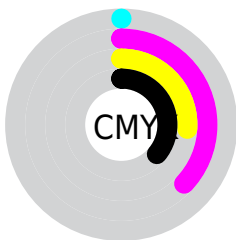
Blue (48%)



Red (64%)

Yellow (41%)

Blue (48%)

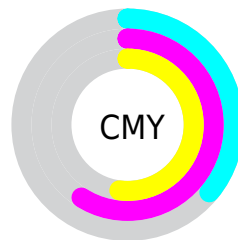


Cyan (0%)

Magenta (37%)

Yellow (26%)

Black (36%)



Cyan (36%)

Magenta (59%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 26.589, 0.153 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, 26.589, 0.153 by changing the saturation by 10% instead.

 51, 26.589, 0.153  51, 26.589, 0.153

 100, 26.589, 0.153  41, 26.589, 0.153

 71, 26.589, 0.153  31, 26.589, 0.153


 81, 26.589, 0.153  21, 26.589, 0.153

 91, 26.589, 0.153  11, 26.589, 0.153

 1, 26.589, 0.153

 0, 26.589, 0.153

 51, 26.589, 0.153  51, 26.589, 0.153

 47, 34.071, 1.844  55, 19.068,
358.751

 43, 41.272, 3.918

40, 47.878, 6.513

60, 11.682,
357.553

38, 53.568, 9.789

64, 4.531, 356.477

36, 58.132, 13.900

69, 2.334, 175.850

35, 61.670, 18.854

74, 8.895, 174.927

34, 62.906, 20.566

79, 15.155,
174.197

83, 21.127,
173.546

88, 26.833,
172.957

93, 32.294,
172.418

Harmonies

Complementary

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



51, 26.589, 0.153



63, 23.882, 172.334

Rectangle

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



51, 26.589, 0.153



51, 26.589, 50.153



51, 26.589, 180.153



51, 26.589, 230.153

Sweetspot

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



51, 26.587, 0.155



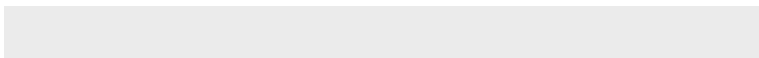
79, 9.543, 356.973



50, 38.062, 317.269



41, 6.417, 357.109



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



51, 26.587, 0.155



62, 39.964, 1.529



53, 22.329, 39.326



32, 3.918, 356.767



30, 57.335, 19.925



1, 5.902, 357.951

Inverse Universe

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



51, 26.587, 0.155



62, 39.964, 1.529



60, 17.300, 221.347



32, 3.918, 356.767



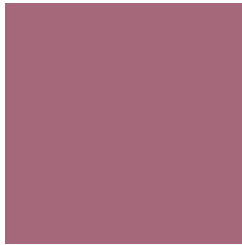
30, 57.335, 19.925



1, 5.902, 357.951

Previews

White Background



This preview shows how the CIELCh color 51, 26.589, 0.153 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, 26.589, 0.153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

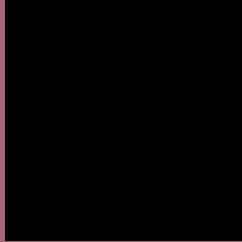
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 26.589, 0.153

Background



This preview shows how black text looks on a background with the CIELCh color 51, 26.589, 0.153.



This preview shows how white text looks on a background with the CIELCh color 51, 26.589, 0.153.

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, 26.589, 0.153

Protanopia

51, 6.414, 291.002

Deuteranopia

51, 6.649, 10.092



Tritanopia
51, 24.424, 11.784

Trichromacy



Original Color
51, 26.589, 0.153

Protanomaly
51, 11.632, 340.250

Deuteranomaly
51, 13.935, 1.733

Tritanomaly
51, 25.083, 6.829

Monochromacy



Original Color
51, 26.589, 0.153

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 9.618, 359.365

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 26.589, 0.153 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(164, 104, 122)` looks like.

```
.text, #text, p{  
    color:rgb(164, 104, 122)  
}
```

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(164, 104, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 104, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 26.589, 0.153 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(164, 104, 122) }
```

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

```
.border{ border-color:rgb(164, 104, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 104, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 104, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 104, 122);  
box-shadow:4px 4px 4px 4px rgb(164, 104,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 26.589, 0.153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 104, 122) }
```

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

```
.background{ background-color: rgb(164,  
104, 122) }
```

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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