

Converting Colors

CIELCh(51, 26.493, 8.854)

Have a look what the booklet for
CIELCh(51, 26.493, 8.854) contains.

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Color

CIELCh(51, 26.697, 9.349)

Conversions

Conversions Part 1

Format	Color
Hex	A66873
RGB	166, 104, 115
RGB Percent	65%, 41%, 45%
CMY	0.3487, 0.5919, 0.5488
CMYK	0.00, 0.37, 0.31, 0.35
HSL	349°, 26%, 53%
HSV	349°, 37%, 65%
XYZ	23.7969, 19.2686, 18.7049
YIQ	123.7920, 33.4210, 16.5650

Conversions

Conversions Part 2

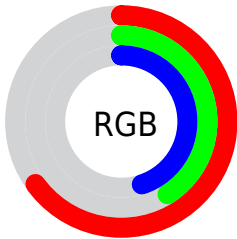
Format	Color
R_{YB}	166, 104, 115
Decimal	10905715
CIE _{Lab}	51.00, 26.34, 4.34
CIE _{LCh}	51, 26.697, 9.349
Yxy	19.2686, 0.3852, 0.3119
Android (android.graphics.Color)	4289095795 (0xFFA66873)
YUV	123.7920, -4.3345, 37.0164
Hunter-Lab	43.8960, 19.9503, 5.4627

Details

The CIELCh color **51, 26.697, 9.349** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 22.591, 181.613**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 26.487, 9.091**, and **31, 26.864, 9.020** is the 20% darker color. If you saturate the color by 10%, you get **47, 34.386, 11.186**, and if you desaturate by 10%, it is **55, 19.131, 7.865**.

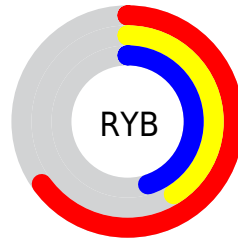
Distribution



Red (65%)

Green (41%)

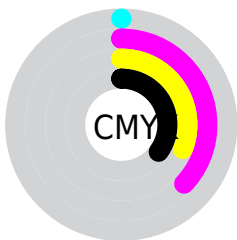
Blue (45%)



Red (65%)

Yellow (41%)

Blue (45%)

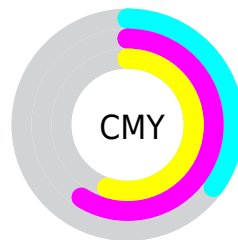


Cyan (0%)

Magenta (37%)

Yellow (31%)

Black (35%)



Cyan (35%)

Magenta (59%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 26.697, 9.349 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, 26.697, 9.349 by changing the saturation by 10% instead.

■ 51, 26.697, 9.349

■ 51, 26.697, 9.349

■ 100, 26.697, 9.349

■ 41, 26.697, 9.349

■ 71, 26.697, 9.349

■ 31, 26.697, 9.349

■ 81, 26.697, 9.349

■ 21, 26.697, 9.349

■ 91, 26.697, 9.349

■ 11, 26.697, 9.349

■ 1, 26.697, 9.349

■ 0, 26.697, 9.349

■ 51, 26.697, 9.349

■ 51, 26.697, 9.349

■ 47, 34.386, 11.186

■ 55, 19.131, 7.865

■ 43, 41.994, 13.485

■ 60, 11.832, 6.631

40, 49.246, 16.387

65, 4.873, 5.556

37, 55.871, 20.026

69, 1.718, 185.040

36, 61.695, 24.456

74, 7.940, 184.082

35, 66.772, 29.421

79, 13.813,
183.398

34, 68.135, 30.642

84, 19.362,
182.804

89, 24.617,
182.276

94, 29.607,
181.801

Harmonies

Complementary

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



51, 26.697, 9.349



64, 22.591, 181.613

Rectangle

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



51, 26.697, 9.349



51, 26.697, 59.349



51, 26.697, 189.349



51, 26.697, 239.349

Sweetspot

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



51, 26.695, 9.352



80, 9.174, 5.963



51, 40.158, 320.936



42, 6.235, 6.101



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



51, 26.695, 9.352



61, 40.523, 10.885



56, 21.978, 51.254



33, 3.821, 5.763



30, 62.257, 30.080



1, 6.751, 6.926

Inverse Universe

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



51, 26.695, 9.352



61, 40.523, 10.885



58, 17.636, 237.900



33, 3.821, 5.763



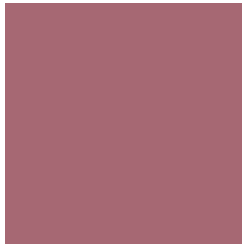
30, 62.257, 30.080



1, 6.751, 6.926

Previews

White Background



This preview shows how the CIELCh color 51, 26.697, 9.349 looks on a white background.

Color Contrast Check

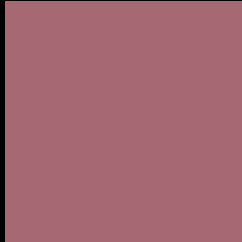
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.697, 9.349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

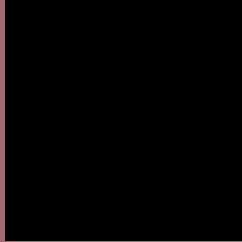
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 26.697, 9.349

Background



This preview shows how black text looks on a background with the CIELCh color 51, 26.697, 9.349.



This preview shows how white text looks on a background with the CIELCh color 51, 26.697, 9.349.

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, 26.697, 9.349

Protanopia

51, 2.477, 309.168

Deuteranopia

51, 8.488, 40.073



Tritanopia
51, 26.148, 14.030

Trichromacy



Original Color
51, 26.697, 9.349

Protanomaly
51, 10.426, 1.165

Deuteranomaly
51, 14.755, 18.908

Tritanomaly
51, 26.152, 12.777

Monochromacy



Original Color
51, 26.697, 9.349

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 9.310, 6.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 26.697, 9.349 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(166, 104, 115)` looks like.

```
.text, #text, p{  
    color:rgb(166, 104, 115)  
}
```

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(166, 104, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 104, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 26.697, 9.349 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(166, 104, 115) }
```

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

```
.border{ border-color:rgb(166, 104, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 104, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 104, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 104, 115);  
box-shadow:4px 4px 4px 4px rgb(166, 104,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 26.697, 9.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 104, 115) }
```

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

```
.background{ background-color: rgb(166,  
104, 115) }
```

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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