

Converting Colors

CIELCh(49, 19.305, 323.493)

Have a look what the booklet for
CIELCh(49, 19.305, 323.493)
contains.

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Color

CIELCh(49, 19.332, 323.500)

Conversions

Conversions Part 1

Format	Color
Hex	866C88
RGB	134, 108, 136
RGB Percent	53%, 42%, 53%
CMY	0.4742, 0.5762, 0.4664
CMYK	0.01, 0.21, 0.00, 0.47
HSL	296°, 11%, 48%
HSV	296°, 21%, 53%
XYZ	19.6625, 17.5941, 25.6796
YIQ	118.9660, 6.5080, 14.2200

Conversions

Conversions Part 2

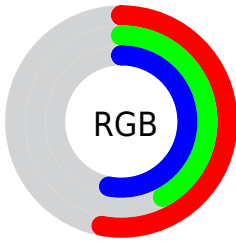
Format	Color
R_{YB}	134, 108, 136
Decimal	8809608
CIE _{Lab}	49.00, 15.54, -11.50
CIE _{LCh}	49, 19.332, 323.500
Yxy	17.5941, 0.3124, 0.2796
Android (android.graphics.Color)	4286999688 (0xFF866C88)
YUV	118.9660, 8.3978, 13.1848
Hunter-Lab	41.9453, 10.2702, -6.9367

Details

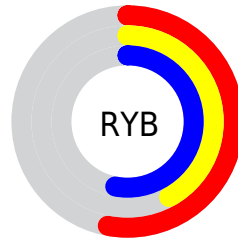
The CIELCh color $49, 19.332, 323.500$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $54, 19.264, 141.363$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 18.825, 323.333$, and $29, 19.456, 323.728$ is the 20% darker color. If you saturate the color by 10%, you get $45, 28.741, 323.978$, and if you desaturate by 10%, it is $53, 9.889, 323.006$.

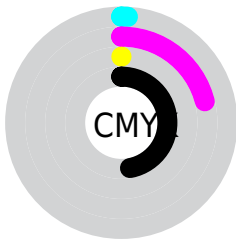
Distribution



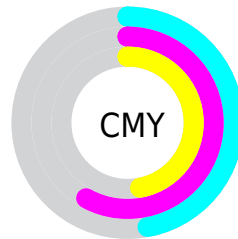
- Red (53%)
- Green (42%)
- Blue (53%)



- Red (53%)
- Yellow (42%)
- Blue (53%)



- Cyan (1%)
- Magenta (21%)
- Yellow (0%)
- Black (47%)



- Cyan (47%)
- Magenta (58%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 19.332, 323.500 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 49, 19.332, 323.500 by changing the saturation by 10% instead.


 49, 19.332,
323.500


 49, 19.332,
323.500


 100, 19.332,
323.500


 39, 19.332,
323.500

 69, 19.332,
323.500


 29, 19.332,
323.500

 79, 19.332,
323.500

 19, 19.332,
323.500

 89, 19.332,
323.500

 9, 19.332, 323.500

 99, 19.332,
323.500

 0, 19.332, 323.500

 49, 19.332,

 49, 19.332,

323.500

323.500

45, 28.741,
323.978

53, 9.889, 323.006

42, 37.938,
324.430

57, 0.542, 322.205

60, 8.631, 142.089

39, 46.673,
324.836

64, 17.581,
141.623

36, 54.632,
325.176

68, 26.284,
141.186

34, 61.458,
325.427

72, 34.728,
140.775

32, 66.806,
325.567

76, 42.914,
140.391

31, 70.439,
325.580

80, 50.848,
140.033

30, 72.756,
325.513

84, 58.540,

139.700

Harmonies

Complementary

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



49, 19.332, 323.500



54, 19.264, 141.363

Rectangle

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



49, 19.332, 323.500



49, 19.332, 13.500



49, 19.332, 143.500



49, 19.332, 193.500

Sweetspot

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



49, 19.330, 323.500



69, 6.900, 322.776



47, 15.199, 288.972



36, 4.614, 322.805



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



49, 19.330, 323.500



60, 28.996, 323.740



49, 14.792, 340.999



27, 5.322, 322.934



29, 71.404, 325.519



0, 2.455, 322.509

Inverse Universe

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



48, 11.847, 15.206



59, 18.041, 15.758



54, 14.553, 157.792



27, 3.158, 14.103



27, 60.957, 35.769



0, 1.424, 13.484

Previews

White Background



This preview shows how the CIELCh color 49, 19.332, 323.500 looks on a white 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

Black Background



This preview shows how the CIELCh color 49, 19.332, 323.500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

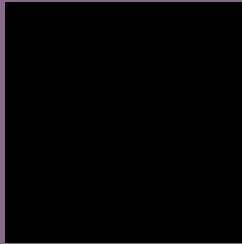
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 19.332, 323.500

Background



This preview shows how black text looks on a background with the CIELCh color 49, 19.332, 323.500.



This preview shows how white text looks on a background with the CIELCh color 49, 19.332, 323.500.

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

49, 19.332, 323.500

Protanopia

49, 14.746, 284.971

Deuteranopia

49, 12.530, 300.493



Tritanopia
49, 10.054, 349.067

Trichromacy



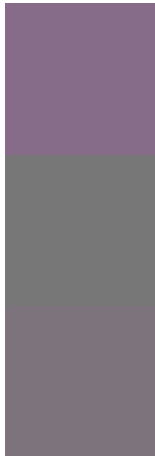
Original Color
49, 19.332, 323.500

Protanomaly
49, 15.509, 300.473

Deuteranomaly
49, 14.356, 310.562

Tritanomaly
49, 13.162, 335.610

Monochromacy



Original Color
49, 19.332, 323.500

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 6.905, 322.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 19.332, 323.500 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(134, 108, 136)` looks like.

```
.text, #text, p{  
    color:rgb(134, 108, 136)  
}
```

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(134, 108, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 108, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 19.332, 323.500 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(134, 108, 136) }
```

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

```
.border{ border-color:rgb(134, 108, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 108, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 108, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 108, 136);  
box-shadow:4px 4px 4px 4px rgb(134, 108,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 19.332, 323.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 108, 136) }
```

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

```
.background{ background-color: rgb(134,  
108, 136) }
```

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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