

Converting Colors

CIELCh(49, 21.839, 335.547)

Have a look what the booklet for
CIELCh(49, 21.839, 335.547)
contains.

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Color

CIELCh(49, 21.748, 335.678)

Conversions

Conversions Part 1

Format	Color
Hex	8F6984
RGB	143, 105, 132
RGB Percent	56%, 41%, 52%
CMY	0.4394, 0.5884, 0.4825
CMYK	0.00, 0.27, 0.08, 0.44
HSL	317°, 15%, 49%
HSV	317°, 27%, 56%
XYZ	20.5281, 17.5941, 24.1273
YIQ	119.4400, 13.9810, 16.4530

Conversions

Conversions Part 2

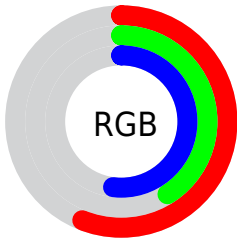
Format	Color
R_{YB}	143, 105, 132
Decimal	9398660
CIE Lab	49.00, 19.82, -8.96
CIE LCh	49, 21.748, 335.678
Yxy	17.5941, 0.3298, 0.2826
Android (android.graphics.Color)	4287588740 (0xFF8F6984)
YUV	119.4400, 6.1921, 20.6621
Hunter-Lab	41.9453, 13.9542, -4.7424

Details

The CIELCh color $49, 21.748, 335.678$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 21.550, 151.858$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 21.395, 335.693$, and $29, 22.094, 335.060$ is the 20% darker color. If you saturate the color by 10%, you get $45, 29.848, 336.448$, and if you desaturate by 10%, it is $53, 13.523, 334.952$.

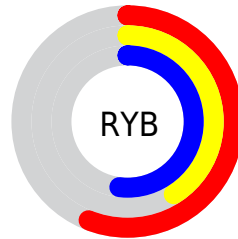
Distribution



Red (56%)

Green (41%)

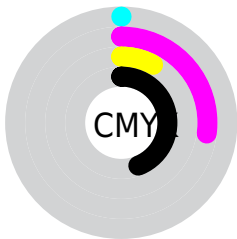
Blue (52%)



Red (56%)

Yellow (41%)

Blue (52%)

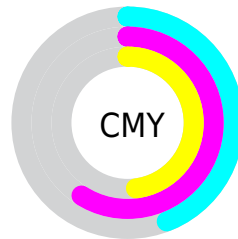


Cyan (0%)

Magenta (27%)

Yellow (8%)

Black (44%)



Cyan (44%)

Magenta (59%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 21.748, 335.678 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, 21.748, 335.678 by changing the saturation by 10% instead.


 49, 21.748,
335.678


 49, 21.748,
335.678


 100, 21.748,
335.678


 39, 21.748,
335.678

 69, 21.748,
335.678


 29, 21.748,
335.678

 79, 21.748,
335.678

 19, 21.748,
335.678

 89, 21.748,
335.678

 9, 21.748, 335.678

 99, 21.748,
335.678

 0, 21.748, 335.678

 49, 21.748,

 49, 21.748,

335.678

45, 29.848,
336.448

42, 37.609,
337.272

39, 44.735,
338.166

36, 50.873,
339.157

34, 55.650,
340.283

33, 58.765,
341.599

32, 60.226,
343.149

31, 60.631,
343.694

335.678

53, 13.523,
334.952

57, 5.330, 334.244

61, 2.734, 153.747

65, 10.611,
153.071

69, 18.270,
152.488

73, 25.699,
151.944

77, 32.898,
151.432

82, 39.873,
150.951

 86, 46.636,
150.498

Harmonies

Complementary

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



49, 21.748, 335.678



56, 21.550, 151.858

Rectangle

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



49, 21.748, 335.678



49, 21.748, 25.678



49, 21.748, 155.678



49, 21.748, 205.678

Sweetspot

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



49, 21.746, 335.679



72, 8.049, 334.359



47, 22.984, 302.938



37, 5.771, 334.457



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



49, 21.746, 335.679



60, 32.449, 336.142



48, 16.568, 4.757



28, 4.579, 334.430



29, 58.263, 343.590



1, 3.071, 333.862

Inverse Universe

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



49, 21.746, 335.679



60, 32.449, 336.142



56, 14.981, 179.589



28, 4.579, 334.430



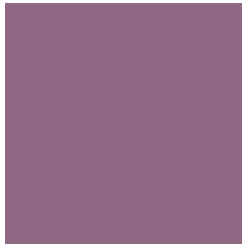
29, 58.263, 343.590



1, 3.071, 333.862

Previews

White Background



This preview shows how the CIELCh color 49, 21.748, 335.678 looks on a white background.

Color Contrast Check

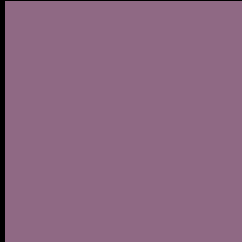
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.748, 335.678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

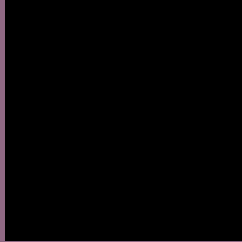
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 21.748, 335.678

Background



This preview shows how black text looks on a background with the CIELCh color 49, 21.748, 335.678.



This preview shows how white text looks on a background with the CIELCh color 49, 21.748, 335.678.

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, 21.748, 335.678

Protanopia

49, 13.550, 285.685

Deuteranopia

49, 9.949, 309.595



Tritanopia
49, 14.444, 2.444

Trichromacy



Original Color
49, 21.748, 335.678

Protanomaly
49, 14.797, 308.424

Deuteranomaly
49, 13.960, 323.843

Tritanomaly
49, 16.700, 349.989

Monochromacy



Original Color
49, 21.748, 335.678

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 8.142, 334.395

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 21.748, 335.678 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(143, 105, 132)` looks like.

```
.text, #text, p{  
    color:rgb(143, 105, 132)  
}
```

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(143, 105, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 105, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 21.748, 335.678 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(143, 105, 132) }
```

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

```
.border{ border-color:rgb(143, 105, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 105, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 105, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 105, 132);  
box-shadow:4px 4px 4px 4px rgb(143, 105,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 21.748, 335.678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 105, 132) }
```

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

```
.background{ background-color: rgb(143,  
105, 132) }
```

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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