

Converting Colors

CIELCh(49, 28.120, 338.199)

Have a look what the booklet for
CIELCh(49, 28.120, 338.199)
contains.

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Color

CIELCh(49, 28.652, 337.928)

Conversions

Conversions Part 1

Format	Color
Hex	986487
RGB	152, 100, 135
RGB Percent	60%, 39%, 53%
CMY	0.4032, 0.6072, 0.4699
CMYK	0.00, 0.34, 0.11, 0.40
HSL	320°, 21%, 49%
HSV	320°, 34%, 60%
XYZ	21.9419, 17.5941, 25.2257
YIQ	119.5380, 19.7570, 21.9090

Conversions

Conversions Part 2

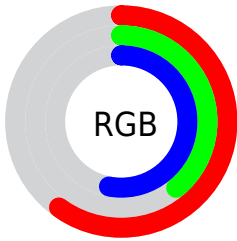
Format	Color
R_{YB}	152, 100, 135
Decimal	9987207
CIE _{Lab}	49.00, 26.55, -10.77
CIE _{LCh}	49, 28.652, 337.928
Yxy	17.5941, 0.3388, 0.2717
Android (android.graphics.Color)	4288177287 (0xFF986487)
YUV	119.5380, 7.6228, 28.4692
Hunter-Lab	41.9453, 19.9705, -6.2950

Details

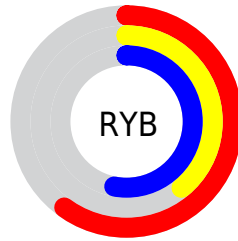
The CIELCh color $49, 28.652, 337.928$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 28.257, 152.576$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 28.291, 338.185$, and $29, 28.483, 338.292$ is the 20% darker color. If you saturate the color by 10%, you get $45, 36.737, 338.807$, and if you desaturate by 10%, it is $53, 20.279, 337.118$.

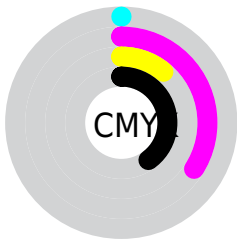
Distribution



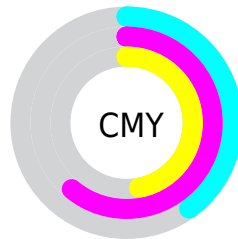
- Red (60%)
- Green (39%)
- Blue (53%)



- Red (60%)
- Yellow (39%)
- Blue (53%)



- Cyan (0%)
- Magenta (34%)
- Yellow (11%)
- Black (40%)



- Cyan (40%)
- Magenta (61%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 28.652, 337.928 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, 28.652, 337.928 by changing the saturation by 10% instead.

 49, 28.652,
337.928

 49, 28.652,
337.928

 100, 28.652,
337.928

 39, 28.652,
337.928

 69, 28.652,
337.928

 29, 28.652,
337.928

 79, 28.652,
337.928

 19, 28.652,
337.928

 89, 28.652,
337.928

 9, 28.652, 337.928

 99, 28.652,
337.928

 0, 28.652, 337.928

 49, 28.652,

 49, 28.652,

337.928

45, 36.737,
338.807

42, 44.249,
339.774

39, 50.824,
340.862

37, 56.066,
342.118

35, 59.629,
343.608

34, 61.350,
345.413

33, 61.941,
346.550

337.928

53, 20.279,
337.118

57, 11.835,
336.358

61, 3.460, 335.598

65, 4.756, 155.082

70, 12.763,
154.426

74, 20.536,
153.837

79, 28.067,
153.286

83, 35.360,
152.770

 87, 42.424,
152.285

Harmonies

Complementary

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



49, 28.652, 337.928



59, 28.257, 152.576

Rectangle

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



49, 28.652, 337.928



49, 28.652, 27.928



49, 28.652, 157.928



49, 28.652, 207.928

Sweetspot

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



49, 28.650, 337.929



75, 10.354, 336.064



46, 31.607, 304.669



39, 7.053, 336.159



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



49, 28.650, 337.929



60, 42.523, 338.594



48, 22.621, 8.358



30, 4.722, 335.992



30, 58.438, 346.374



1, 5.024, 335.873

Inverse Universe

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



49, 28.650, 337.929



60, 42.523, 338.594



59, 19.517, 181.462



30, 4.722, 335.992



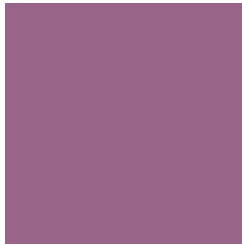
30, 58.438, 346.374



1, 5.024, 335.873

Previews

White Background



This preview shows how the CIELCh color 49, 28.652, 337.928 looks on a white background.

Color Contrast Check

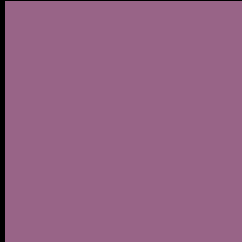
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.652, 337.928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

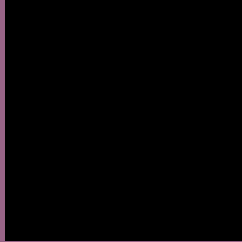
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 28.652, 337.928

Background



This preview shows how black text looks on a background with the CIELCh color 49, 28.652, 337.928.



This preview shows how white text looks on a background with the CIELCh color 49, 28.652, 337.928.

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, 28.652, 337.928

Protanopia

49, 17.679, 285.484

Deuteranopia

49, 11.531, 305.092



Tritanopia
49, 19.464, 8.191

Trichromacy



Original Color
49, 28.652, 337.928

Protanomaly
49, 19.745, 309.039

Deuteranomaly
49, 17.253, 323.158

Tritanomaly
49, 21.587, 355.101

Monochromacy



Original Color
49, 28.652, 337.928

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 10.782, 335.882

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 28.652, 337.928 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(152, 100, 135)` looks like.

```
.text, #text, p{  
    color:rgb(152, 100, 135)  
}
```

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(152, 100, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 100, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 28.652, 337.928 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(152, 100, 135) }
```

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

```
.border{ border-color:rgb(152, 100, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 100, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 100, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 100, 135);  
box-shadow:4px 4px 4px 4px rgb(152, 100,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 28.652, 337.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 100, 135) }
```

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

```
.background{ background-color: rgb(152,  
100, 135) }
```

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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