

Converting Colors

CIELCh(49, 29.537, 327.783)

Have a look what the booklet for
CIELCh(49, 29.537, 327.783)
contains.

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Color

CIELCh(49, 29.204, 327.989)

Conversions

Conversions Part 1

Format	Color
Hex	92668F
RGB	146, 102, 143
RGB Percent	57%, 40%, 56%
CMY	0.4275, 0.6000, 0.4392
CMYK	0.00, 0.30, 0.02, 0.43
HSL	304°, 18%, 49%
HSV	304°, 30%, 57%
XYZ	21.5603, 17.5941, 28.2427
YIQ	119.8300, 13.0630, 22.0790

Conversions

Conversions Part 2

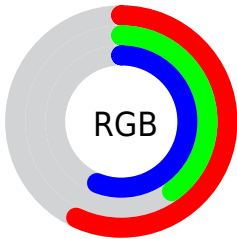
Format	Color
R_{YB}	146, 102, 143
Decimal	9594511
CIE _{Lab}	49.00, 24.76, -15.48
CIE _{LCh}	49, 29.204, 327.989
Yxy	17.5941, 0.3199, 0.2611
Android (android.graphics.Color)	4287784591 (0xFF92668F)
YUV	119.8300, 11.4228, 22.9511
Hunter-Lab	41.9453, 18.3464, -10.5596

Details

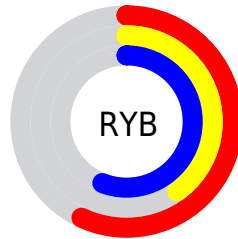
The CIELCh color $49, 29.204, 327.989$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $56, 29.188, 144.249$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 29.101, 328.157$, and $29, 29.512, 327.996$ is the 20% darker color. If you saturate the color by 10%, you get $46, 38.606, 328.534$, and if you desaturate by 10%, it is $53, 19.529, 327.431$.

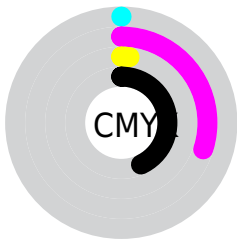
Distribution



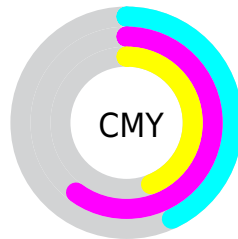
- Red (57%)
- Green (40%)
- Blue (56%)



- Red (57%)
- Yellow (40%)
- Blue (56%)



- Cyan (0%)
- Magenta (30%)
- Yellow (2%)
- Black (43%)



- Cyan (43%)
- Magenta (60%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 29.204, 327.989 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, 29.204, 327.989 by changing the saturation by 10% instead.


 49, 29.204,
327.989


 49, 29.204,
327.989


 100, 29.204,
327.989


 39, 29.204,
327.989

 69, 29.204,
327.989


 29, 29.204,
327.989

 79, 29.204,
327.989

 19, 29.204,
327.989

 89, 29.204,
327.989

 9, 29.204, 327.989

 99, 29.204,
327.989

 0, 29.204, 327.989

 49, 29.204,

 49, 29.204,

327.989

327.989

46, 38.606,
328.534

53, 19.529,
327.431

42, 47.462,
329.057

57, 9.793, 326.865

40, 55.428,
329.547

60, 0.138, 324.765

65, 9.342, 145.827

37, 62.129,
329.996

69, 18.590,
145.298

36, 67.221,
330.400

73, 27.578,
144.800

34, 70.491,
330.761

77, 36.293,
144.327

34, 72.365,
331.089

81, 44.736,
143.881

85, 52.913,

Harmonies

Complementary

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



49, 29.204, 327.989



56, 29.188, 144.249

Rectangle

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



49, 29.204, 327.989



49, 29.204, 17.989



49, 29.204, 147.989



49, 29.204, 197.989

Sweetspot

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



49, 29.202, 327.989



72, 10.712, 326.810



45, 26.340, 295.960



37, 7.426, 326.885



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, 29.202, 327.989



60, 42.832, 328.350



48, 21.034, 350.327



29, 5.512, 326.811



32, 69.368, 331.072



1, 4.794, 326.326

Inverse Universe

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



49, 29.202, 327.989



60, 42.832, 328.350



57, 20.010, 164.597



29, 5.512, 326.811



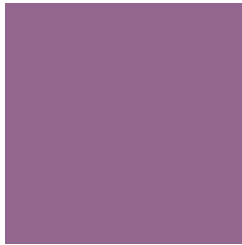
32, 69.368, 331.072



1, 4.794, 326.326

Previews

White Background



This preview shows how the CIELCh color 49, 29.204, 327.989 looks on a white background.

Color Contrast Check

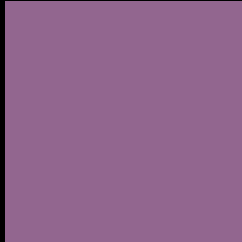
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 49, 29.204, 327.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

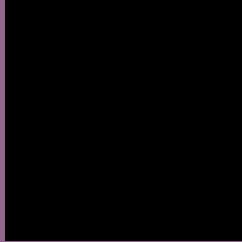
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 29.204, 327.989

Background



This preview shows how black text looks on a background with the CIELCh color 49, 29.204, 327.989.



This preview shows how white text looks on a background with the CIELCh color 49, 29.204, 327.989.

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, 29.204, 327.989

Protanopia

49, 22.404, 285.979

Deuteranopia

49, 15.913, 294.896



Tritanopia
49, 15.414, 1.526

Trichromacy



Original Color
49, 29.204, 327.989

Protanomaly
49, 23.400, 302.870

Deuteranomaly
49, 19.965, 311.148

Tritanomaly
49, 19.555, 343.118

Monochromacy



Original Color
49, 29.204, 327.989

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 10.882, 326.820

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 29.204, 327.989 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(146, 102, 143)` looks like.

```
.text, #text, p{  
    color:rgb(146, 102, 143)  
}
```

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(146, 102, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 102, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 29.204, 327.989 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(146, 102, 143) }
```

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

```
.border{ border-color:rgb(146, 102, 143) }
```

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

Here you see how a box with a 4 pixel rgb(146, 102, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 102, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 102, 143);  
box-shadow:4px 4px 4px 4px rgb(146, 102,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 29.204, 327.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 102, 143) }
```

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

```
.background{ background-color: rgb(146,  
102, 143) }
```

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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