

Converting Colors

CIELCh(49, 9.132, 344.740)

Have a look what the booklet for
CIELCh(49, 9.132, 344.740) contains.

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Color

CIELCh(49, 9.018, 344.753)

Conversions

Conversions Part 1

Format	Color
Hex	827079
RGB	130, 112, 121
RGB Percent	51%, 44%, 47%
CMY	0.4917, 0.5622, 0.5270
CMYK	0.00, 0.14, 0.07, 0.49
HSL	330°, 7%, 47%
HSV	330°, 14%, 51%
XYZ	18.3294, 17.5941, 20.3990
YIQ	118.4080, 7.8390, 6.6150

Conversions

Conversions Part 2

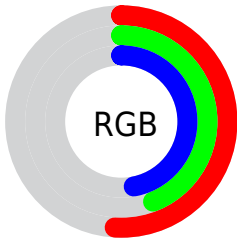
Format	Color
R _Y B	130, 112, 121
Decimal	8548473
CIE Lab	49.00, 8.70, -2.37
CIE LCh	49, 9.018, 344.753
Yxy	17.5941, 0.3254, 0.3124
Android (android.graphics.Color)	4286738553 (0xFF827079)
YUV	118.4080, 1.2779, 10.1662
Hunter-Lab	41.9453, 4.5975, 0.5275

Details

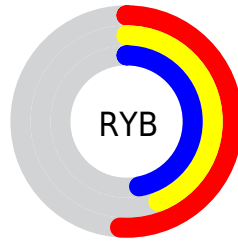
The CIELCh color $49, 9.018, 344.753$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 8.864, 162.547$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 8.756, 345.933$, and $29, 9.488, 343.701$ is the 20% darker color. If you saturate the color by 10%, you get $45, 15.654, 345.694$, and if you desaturate by 10%, it is $53, 2.491, 343.837$.

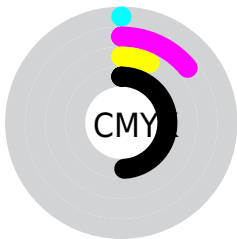
Distribution



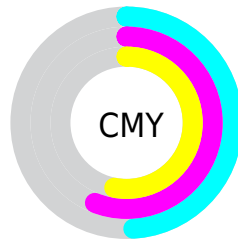
- Red (51%)
- Green (44%)
- Blue (47%)



- Red (51%)
- Yellow (44%)
- Blue (47%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (49%)



- Cyan (49%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 9.018, 344.753 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, 9.018, 344.753 by changing the saturation by 10% instead.

■ 49, 9.018, 344.753

■ 49, 9.018, 344.753

■ 100, 9.018,
344.753

■ 39, 9.018, 344.753

■ 69, 9.018, 344.753

■ 29, 9.018, 344.753

■ 79, 9.018, 344.753

■ 19, 9.018, 344.753

■ 89, 9.018, 344.753

■ 9, 9.018, 344.753

■ 99, 9.018, 344.753

■ 0, 9.018, 344.753

■ 49, 9.018, 344.753

■ 49, 9.018, 344.753

■ 45, 15.654,
345.694

■ 53, 2.491, 343.837

■ 42, 22.306,

■ 57, 3.865, 163.273

346.736

60, 10.023,
162.530

39, 28.822,
347.923

64, 15.972,
161.876

35, 34.983,
349.304

68, 21.713,
161.275

33, 40.510,
350.951

72, 27.254,
160.719

31, 45.086,
352.962

76, 32.606,
160.201

29, 48.427,
355.466

80, 37.783,
159.718

28, 50.412,
358.597

84, 42.799,
159.266

27, 51.437, 0.623

Harmonies

Complementary

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



49, 9.018, 344.753



53, 8.864, 162.547

Rectangle

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



49, 9.018, 344.753



49, 9.018, 34.753



49, 9.018, 164.753



49, 9.018, 214.753

Sweetspot

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



49, 9.016, 344.756



67, 3.183, 343.861



48, 11.214, 309.669



34, 2.253, 343.929



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



49, 9.016, 344.756



61, 13.723, 345.076



49, 7.500, 20.245



25, 3.593, 344.329



26, 50.837, 0.549



0, 0.000, 0.000

Inverse Universe

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



49, 9.016, 344.756



61, 13.723, 345.076



53, 6.887, 198.746



25, 3.593, 344.329



26, 50.837, 0.549



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 49, 9.018, 344.753 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, 9.018, 344.753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

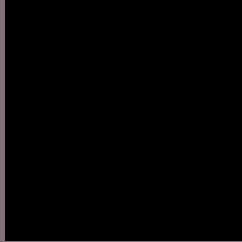
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 9.018, 344.753

Background



This preview shows how black text looks on a background with the CIELCh color 49, 9.018, 344.753.



This preview shows how white text looks on a background with the CIELCh color 49, 9.018, 344.753.

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, 9.018, 344.753

Protanopia

49, 4.139, 296.201

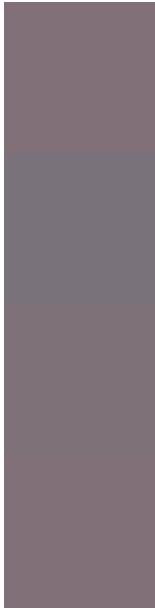
Deuteranopia

49, 6.696, 342.392



Tritanopia
49, 8.703, 347.917

Trichromacy



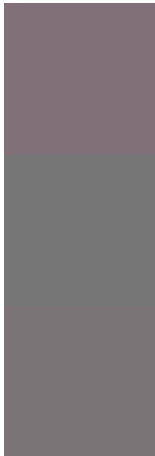
Original Color
49, 9.018, 344.753

Protanomaly
49, 5.717, 324.753

Deuteranomaly
49, 7.022, 344.499

Tritanomaly
49, 8.703, 347.917

Monochromacy



Original Color
49, 9.018, 344.753

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 3.010, 343.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 9.018, 344.753 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(130, 112, 121)` looks like.

```
.text, #text, p{  
    color:rgb(130, 112, 121)  
}
```

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(130, 112, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 112, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 9.018, 344.753 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(130, 112, 121) }
```

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

```
.border{ border-color:rgb(130, 112, 121) }
```

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

Here you see how a box with a 4 pixel rgb(130, 112, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 112, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 112, 121);  
box-shadow:4px 4px 4px 4px rgb(130, 112,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 9.018, 344.753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 112, 121) }
```

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

```
.background{ background-color: rgb(130,  
112, 121) }
```

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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