

Converting Colors

CIELCh(49, 32.607, 10.253)

Have a look what the booklet for
CIELCh(49, 32.607, 10.253) contains.

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Color

CIELCh(49, 32.591, 9.905)

Conversions

Conversions Part 1

Format	Color
Hex	A95E6C
RGB	169, 94, 108
RGB Percent	66%, 37%, 42%
CMY	0.3363, 0.6305, 0.5756
CMYK	0.00, 0.44, 0.36, 0.34
HSL	349°, 30%, 52%
HSV	349°, 44%, 66%
XYZ	23.1553, 17.5941, 16.4234
YIQ	118.0210, 40.2060, 20.2540

Conversions

Conversions Part 2

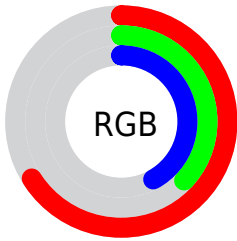
Format	Color
R_{YB}	169, 94, 108
Decimal	11099756
CIE Lab	49.00, 32.11, 5.61
CIE LCh	49, 32.591, 9.905
Yxy	17.5941, 0.4050, 0.3077
Android (android.graphics.Color)	4289289836 (0xFFA95E6C)
YUV	118.0210, -4.9404, 44.7086
Hunter-Lab	41.9453, 25.1343, 6.1470

Details

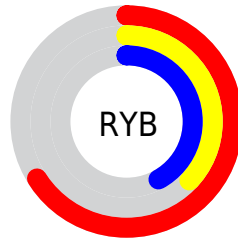
The CIELCh color **49, 32.591, 9.905** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 26.788, 180.117**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 32.396, 10.287**, and **29, 32.518, 9.578** is the 20% darker color. If you saturate the color by 10%, you get **45, 40.333, 12.054**, and if you desaturate by 10%, it is **53, 24.813, 8.186**.

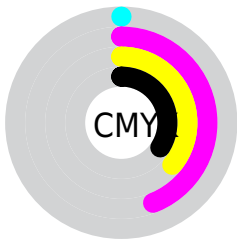
Distribution



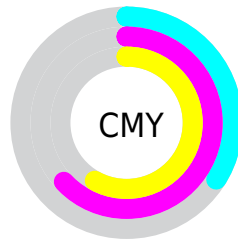
- Red (66%)
- Green (37%)
- Blue (42%)



- Red (66%)
- Yellow (37%)
- Blue (42%)



- Cyan (0%)
- Magenta (44%)
- Yellow (36%)
- Black (34%)



- Cyan (34%)
- Magenta (63%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 32.591, 9.905 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, 32.591, 9.905 by changing the saturation by 10% instead.

 49, 32.591, 9.905	 49, 32.591, 9.905
 100, 32.591, 9.905	 39, 32.591, 9.905
 69, 32.591, 9.905	 29, 32.591, 9.905
 79, 32.591, 9.905	 19, 32.591, 9.905
 89, 32.591, 9.905	 9, 32.591, 9.905
 99, 32.591, 9.905	 0, 32.591, 9.905

 49, 32.591, 9.905	 49, 32.591, 9.905
 45, 40.333, 12.054	 53, 24.813, 8.186
 42, 47.779, 14.760	 58, 17.202, 6.779
 39, 54.640, 18.170	 62, 9.878, 5.599

■ 37, 60.697, 22.381

■ 67, 2.905, 4.510

■ 36, 65.899, 27.317

■ 72, 3.697, 183.949

■ 35, 68.732, 30.066

■ 77, 9.935, 183.141

■ 82, 15.827,
182.480

■ 87, 21.401,
181.899

■ 92, 26.688,
181.380

Harmonies

Complementary

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



49, 32.591, 9.905



64, 26.788, 180.117

Rectangle

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



49, 32.591, 9.905



49, 32.591, 59.905



49, 32.591, 189.905



49, 32.591, 239.905

Sweetspot

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



49, 32.589, 9.908



80, 11.036, 5.480



49, 48.103, 320.699



41, 7.754, 5.713



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



49, 32.589, 9.908



58, 48.572, 11.962



54, 27.348, 49.236



33, 3.833, 5.060



30, 61.890, 29.410



1, 6.769, 6.304

Inverse Universe

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



49, 32.589, 9.908



58, 48.572, 11.962



58, 20.675, 236.749



33, 3.833, 5.060



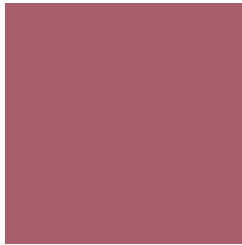
30, 61.890, 29.410



1, 6.769, 6.304

Previews

White Background



This preview shows how the CIELCh color 49, 32.591, 9.905 looks on a white background.

Color Contrast Check

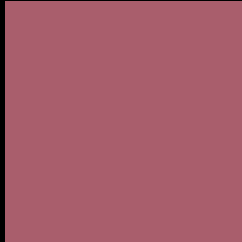
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.591, 9.905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

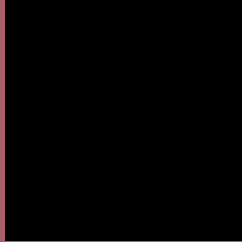
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 32.591, 9.905

Background



This preview shows how black text looks on a background with the CIELCh color 49, 32.591, 9.905.



This preview shows how white text looks on a background with the CIELCh color 49, 32.591, 9.905.

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, 32.591, 9.905

Protanopia

49, 3.057, 305.676

Deuteranopia

49, 9.774, 48.627



Tritanopia
49, 32.192, 16.790

Trichromacy



Original Color
49, 32.591, 9.905

Protanomaly
49, 12.860, 359.746

Deuteranomaly
49, 17.188, 21.517

Tritanomaly
49, 32.118, 14.740

Monochromacy



Original Color
49, 32.591, 9.905

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 12.011, 6.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 32.591, 9.905 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(169, 94, 108)` looks like.

```
.text, #text, p{  
    color:rgb(169, 94, 108)  
}
```

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(169, 94, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 94, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 32.591, 9.905 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(169, 94, 108) }
```

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

```
.border{ border-color:rgb(169, 94, 108) }
```

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

Here you see how a box with a 4 pixel rgb(169, 94, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 94, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 94, 108);  
box-shadow:4px 4px 4px 4px rgb(169, 94,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 32.591, 9.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 94, 108) }
```

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

```
.background{ background-color: rgb(169, 94,  
108) }
```

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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