

Converting Colors

CIELCh(49, 20.379, 344.897)

Have a look what the booklet for
CIELCh(49, 20.379, 344.897)
contains.

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Color

CIELCh(49, 20.182, 344.703)

Conversions

Conversions Part 1

Format	Color
Hex	91697E
RGB	145, 105, 126
RGB Percent	57%, 41%, 49%
CMY	0.4318, 0.5886, 0.5063
CMYK	0.00, 0.28, 0.13, 0.43
HSL	329°, 16%, 49%
HSV	329°, 28%, 57%
XYZ	20.4562, 17.5941, 22.0192
YIQ	119.3540, 17.0990, 15.0110

Conversions

Conversions Part 2

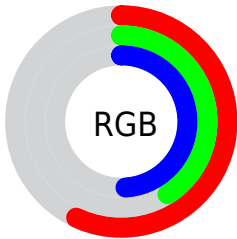
Format	Color
R_{YB}	145, 105, 126
Decimal	9529726
CIE Lab	49.00, 19.47, -5.32
CIE LCh	49, 20.182, 344.703
Yxy	17.5941, 0.3405, 0.2929
Android (android.graphics.Color)	4287719806 (0xFF91697E)
YUV	119.3540, 3.2765, 22.4915
Hunter-Lab	41.9453, 13.6481, -1.7626

Details

The CIELCh color $49, 20.182, 344.703$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $57, 19.598, 159.926$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $69, 19.905, 344.188$, and $29, 20.379, 344.897$ is the 20% darker color. If you saturate the color by 10%, you get $45, 27.519, 345.769$, and if you desaturate by 10%, it is $53, 12.784, 343.752$.

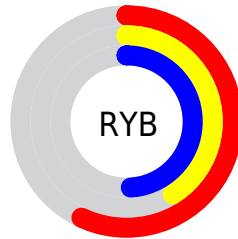
Distribution



Red (57%)

Green (41%)

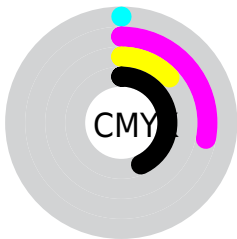
Blue (49%)



Red (57%)

Yellow (41%)

Blue (49%)

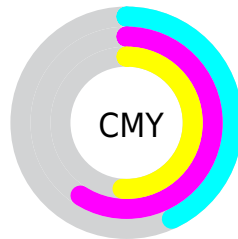


Cyan (0%)

Magenta (28%)

Yellow (13%)

Black (43%)



Cyan (43%)


Magenta (59%)

Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 20.182, 344.703 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, 20.182, 344.703 by changing the saturation by 10% instead.


 49, 20.182,
344.703


 49, 20.182,
344.703


 100, 20.182,
344.703


 39, 20.182,
344.703

 69, 20.182,
344.703


 29, 20.182,
344.703

 79, 20.182,
344.703

 19, 20.182,
344.703

 89, 20.182,
344.703

 9, 20.182, 344.703

 99, 20.182,
344.703

 0, 20.182, 344.703

 49, 20.182,

 49, 20.182,

344.703

45, 27.519,
345.769

42, 34.597,
346.985

39, 41.136,
348.407

36, 46.793,
350.113

34, 51.214,
352.208

32, 54.127,
354.826

31, 55.666,
358.023

31, 56.021,
358.803

344.703

53, 12.784,
343.752

57, 5.464, 342.869

61, 1.695, 162.336

65, 8.648, 161.475

70, 15.376,
160.802

74, 21.873,
160.187

78, 28.147,
159.617

82, 34.206,
159.087

87, 40.066,

Harmonies

Complementary

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



49, 20.182, 344.703



57, 19.598, 159.926

Rectangle

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



49, 20.182, 344.703



49, 20.182, 34.703



49, 20.182, 164.703



49, 20.182, 214.703

Sweetspot

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



49, 20.180, 344.705



72, 7.139, 342.919



47, 24.742, 309.243



37, 5.065, 343.040



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, 20.180, 344.705



60, 29.972, 345.337



48, 17.150, 18.972



28, 4.018, 343.007



28, 53.300, 358.531



1, 2.686, 342.325

Inverse Universe

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



49, 20.180, 344.705



60, 29.972, 345.337



57, 14.472, 195.020



28, 4.018, 343.007



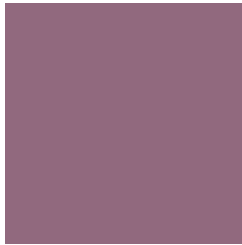
28, 53.300, 358.531



1, 2.686, 342.325

Previews

White Background



This preview shows how the CIELCh color 49, 20.182, 344.703 looks on a white background.

Color Contrast Check

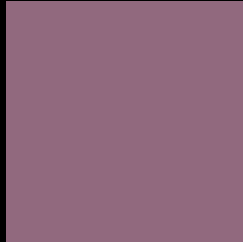
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.182, 344.703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

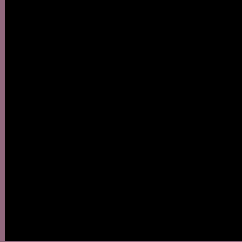
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 20.182, 344.703

Background



This preview shows how black text looks on a background with the CIELCh color 49, 20.182, 344.703.



This preview shows how white text looks on a background with the CIELCh color 49, 20.182, 344.703.

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, 20.182, 344.703

Protanopia
49, 9.998, 287.141

Deuteranopia
49, 8.079, 327.273



Tritanopia
49, 16.081, 4.678

Trichromacy



Original Color
49, 20.182, 344.703

Protanomaly
49, 11.797, 316.985

Deuteranomaly
49, 12.481, 336.149

Tritanomaly
49, 17.329, 355.781

Monochromacy



Original Color
49, 20.182, 344.703

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 7.360, 340.778

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 20.182, 344.703 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(145, 105, 126)` looks like.

```
.text, #text, p{  
    color:rgb(145, 105, 126)  
}
```

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(145, 105, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 105, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 20.182, 344.703 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(145, 105, 126) }
```

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

```
.border{ border-color:rgb(145, 105, 126) }
```

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

Here you see how a box with a 4 pixel rgb(145, 105, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 105, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 105, 126);  
box-shadow:4px 4px 4px 4px rgb(145, 105,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 20.182, 344.703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 105, 126) }
```

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

```
.background{ background-color: rgb(145,  
105, 126) }
```

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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