

Converting Colors

CIELCh(50, 24.500, 350.248)

Have a look what the booklet for
CIELCh(50, 24.500, 350.248)
contains.

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Color

CIELCh(50, 24.385, 349.591)

Conversions

Conversions Part 1

Format	Color
Hex	9B687F
RGB	155, 104, 127
RGB Percent	61%, 41%, 50%
CMY	0.3919, 0.5919, 0.5018
CMYK	0.00, 0.33, 0.18, 0.39
HSL	333°, 20%, 51%
HSV	333°, 33%, 61%
XYZ	22.3178, 18.4187, 22.4755
YIQ	121.8710, 23.0130, 17.9650

Conversions

Conversions Part 2

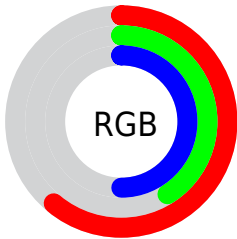
Format	Color
R_{YB}	155, 104, 127
Decimal	10184831
CIE _{Lab}	50.00, 23.98, -4.41
CIE _{LCh}	50, 24.385, 349.591
Yxy	18.4187, 0.3531, 0.2914
Android (android.graphics.Color)	4288374911 (0xFF9B687F)
YUV	121.8710, 2.5286, 29.0541
Hunter-Lab	42.9170, 17.7196, -1.0082

Details

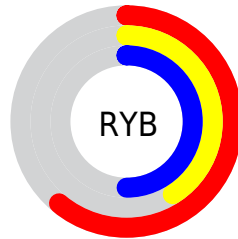
The CIELCh color $50, 24.385, 349.591$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $60, 23.187, 163.275$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 24.222, 349.224$, and $30, 24.386, 349.945$ is the 20% darker color. If you saturate the color by 10%, you get $46, 31.795, 350.892$, and if you desaturate by 10%, it is $54, 16.858, 348.467$.

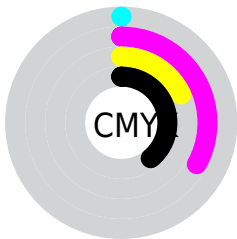
Distribution



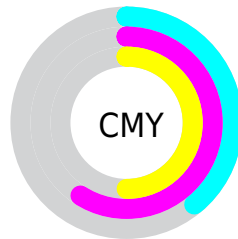
- Red (61%)
- Green (41%)
- Blue (50%)



- Red (61%)
- Yellow (41%)
- Blue (50%)



- Cyan (0%)
- Magenta (33%)
- Yellow (18%)
- Black (39%)





- Cyan (39%)
- Magenta (59%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 24.385, 349.591 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 50, 24.385, 349.591 by changing the saturation by 10% instead.


 50, 24.385,
349.591


 50, 24.385,
349.591


 100, 24.385,
349.591


 40, 24.385,
349.591


 70, 24.385,
349.591

 30, 24.385,
349.591


 80, 24.385,
349.591


 20, 24.385,
349.591

 90, 24.385,
349.591

 10, 24.385,
349.591

 0, 24.385, 349.591

 50, 24.385,
349.591

 50, 24.385,
349.591

46, 31.795,
350.892

54, 16.858,
348.467

43, 38.848,
352.426

58, 9.389, 347.465

39, 45.220,
354.282

63, 2.080, 346.453

67, 5.011, 165.897

37, 50.546,
356.580

72, 11.856,
165.133

35, 54.504,
359.470

76, 18.449,
164.459

33, 56.955, 3.116

81, 24.796,
163.843

33, 58.228, 6.008

85, 30.908,
163.274

90, 36.801,
162.747

Harmonies

Complementary

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



50, 24.385, 349.591



60, 23.187, 163.275

Rectangle

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



50, 24.385, 349.591



50, 24.385, 39.591



50, 24.385, 169.591



50, 24.385, 219.591

Sweetspot

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



50, 24.383, 349.593



76, 8.983, 347.208



48, 31.687, 311.738



39, 6.188, 347.332



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



50, 24.383, 349.593



61, 35.813, 350.463



50, 21.463, 24.630



30, 4.052, 347.115



29, 54.119, 5.553



1, 4.304, 346.816

Inverse Universe

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



50, 24.383, 349.593



61, 35.813, 350.463



60, 17.123, 201.129



30, 4.052, 347.115



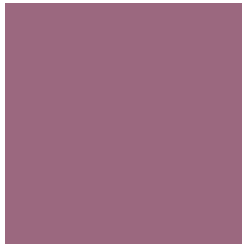
29, 54.119, 5.553



1, 4.304, 346.816

Previews

White Background



This preview shows how the CIELCh color 50, 24.385, 349.591 looks on a white background.

Color Contrast Check

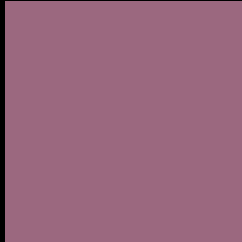
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 50, 24.385, 349.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

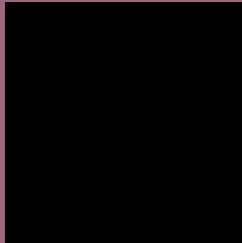
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 24.385, 349.591

Background



This preview shows how black text looks on a background with the CIELCh color 50, 24.385, 349.591.



This preview shows how white text looks on a background with the CIELCh color 50, 24.385, 349.591.

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


50, 24.385, 349.591

Protanopia

50, 10.550, 287.447

Deuteranopia

50, 7.151, 332.891



Tritanopia
50, 20.649, 9.185

Trichromacy



Original Color
50, 24.385, 349.591

Protanomaly
50, 13.524, 320.942

Deuteranomaly
50, 13.280, 343.143

Tritanomaly
50, 21.734, 0.448

Monochromacy



Original Color
50, 24.385, 349.591

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 9.311, 346.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 24.385, 349.591 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(155, 104, 127)` looks like.

```
.text, #text, p{  
    color:rgb(155, 104, 127)  
}
```

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(155, 104, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 104, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 24.385, 349.591 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(155, 104, 127) }
```

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

```
.border{ border-color:rgb(155, 104, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 104, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 104, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 104, 127);  
box-shadow:4px 4px 4px 4px rgb(155, 104,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 24.385, 349.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 104, 127) }
```

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

```
.background{ background-color: rgb(155,  
104, 127) }
```

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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