

Converting Colors

CIELCh(50, 24.910, 347.696)

Have a look what the booklet for
CIELCh(50, 24.910, 347.696)
contains.

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Color

CIELCh(50, 24.933, 347.254)

Conversions

Conversions Part 1

Format	Color
Hex	9B6881
RGB	155, 104, 129
RGB Percent	61%, 41%, 51%
CMY	0.3926, 0.5926, 0.4945
CMYK	0.00, 0.33, 0.17, 0.39
HSL	331°, 20%, 51%
HSV	331°, 33%, 61%
XYZ	22.3906, 18.4187, 23.1061
YIQ	122.0990, 22.3710, 18.5870

Conversions

Conversions Part 2

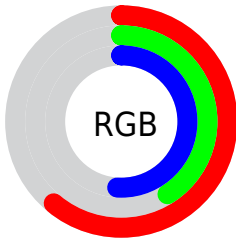
Format	Color
R_{YB}	155, 104, 129
Decimal	10184833
CIE _{Lab}	50.00, 24.32, -5.50
CIE _{LCh}	50, 24.933, 347.254
Yxy	18.4187, 0.3503, 0.2882
Android (android.graphics.Color)	4288374913 (0xFF9B6881)
YUV	122.0990, 3.4022, 28.8542
Hunter-Lab	42.9170, 18.0223, -1.8793

Details

The CIELCh color $50, 24.933, 347.254$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $60, 23.919, 161.136$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 24.755, 347.033$, and $30, 24.951, 347.371$ is the 20% darker color. If you saturate the color by 10%, you get $46, 32.446, 348.476$, and if you desaturate by 10%, it is $54, 17.271, 346.188$.

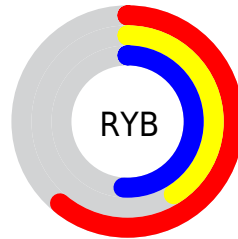
Distribution



Red (61%)

Green (41%)

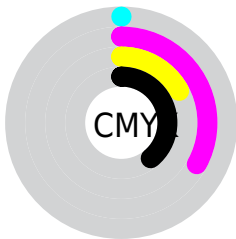
Blue (51%)



Red (61%)

Yellow (41%)

Blue (51%)

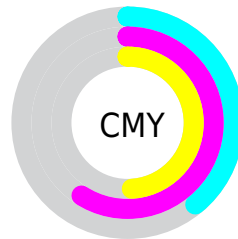


Cyan (0%)

Magenta (33%)

Yellow (17%)

Black (39%)



Cyan (39%)


Magenta (59%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 24.933, 347.254 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, 24.933, 347.254 by changing the saturation by 10% instead.


 50, 24.933,
347.254


 50, 24.933,
347.254


 100, 24.933,
347.254


 40, 24.933,
347.254


 70, 24.933,
347.254

 30, 24.933,
347.254

 80, 24.933,
347.254


 20, 24.933,
347.254

 90, 24.933,
347.254

 10, 24.933,
347.254

 0, 24.933, 347.254

 50, 24.933,
347.254

 50, 24.933,
347.254

46, 32.446,
348.476

54, 17.271,
346.188

43, 39.563,
349.902

58, 9.642, 345.230

63, 2.155, 344.259

39, 45.948,
351.612

67, 5.126, 163.712

37, 51.228,
353.712

72, 12.170,
162.968

35, 55.066,
356.340

76, 18.966,
162.307

34, 57.307,
359.653

81, 25.519,
161.701

33, 58.375, 2.281

85, 31.839,
161.140

90, 37.939,
160.619

Harmonies

Complementary

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



50, 24.933, 347.254



60, 23.919, 161.136

Rectangle

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



50, 24.933, 347.254



50, 24.933, 37.254



50, 24.933, 167.254



50, 24.933, 217.254

Sweetspot

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



50, 24.931, 347.255



76, 9.215, 344.980



48, 31.526, 310.646



39, 6.347, 345.100



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, 24.931, 347.255



60, 37.500, 348.200



49, 22.125, 22.184



30, 4.157, 344.891



29, 54.328, 1.871



1, 4.419, 344.629

Inverse Universe

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



50, 24.931, 347.255



60, 37.500, 348.200



61, 17.724, 197.831



30, 4.157, 344.891



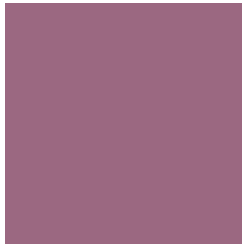
29, 54.328, 1.871



1, 4.419, 344.629

Previews

White Background



This preview shows how the CIELCh color 50, 24.933, 347.254 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, 24.933, 347.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

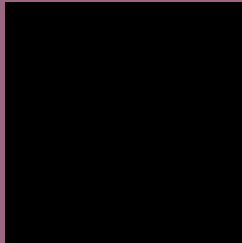
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 24.933, 347.254

Background



This preview shows how black text looks on a background with the CIELCh color 50, 24.933, 347.254.



This preview shows how white text looks on a background with the CIELCh color 50, 24.933, 347.254.

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, 24.933, 347.254

Protanopia

50, 11.716, 288.028

Deuteranopia

50, 7.813, 324.873



Tritanopia
50, 20.306, 7.235

Trichromacy



Original Color
50, 24.933, 347.254

Protanomaly
50, 14.541, 318.664

Deuteranomaly
50, 13.694, 338.116

Tritanomaly
50, 21.895, 358.998

Monochromacy



Original Color
50, 24.933, 347.254

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 9.637, 343.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 24.933, 347.254 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(155, 104, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 104, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 24.933, 347.254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

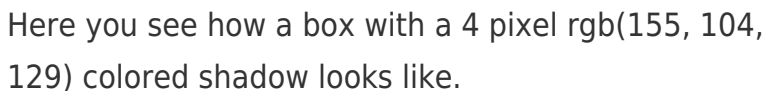
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 104, 129) }
```

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

```
.border{ border-color:rgb(155, 104, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 104, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 104, 129); box-shadow:4px 4px 4px 4px rgb(155, 104, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 24.933, 347.254 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, 129) }
```

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

```
.background{ background-color: rgb(155,  
104, 129) }
```

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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