

Converting Colors

CIELCh(50, 20.131, 343.529)

Have a look what the booklet for
CIELCh(50, 20.131, 343.529)
contains.

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Color

CIELCh(50, 19.788, 343.873)

Conversions

Conversions Part 1

Format	Color
Hex	936C81
RGB	147, 108, 129
RGB Percent	58%, 42%, 51%
CMY	0.4247, 0.5776, 0.4952
CMYK	0.00, 0.27, 0.12, 0.42
HSL	328°, 15%, 50%
HSV	328°, 27%, 58%
XYZ	21.2555, 18.4187, 23.1035
YIQ	122.0550, 16.5030, 14.7990

Conversions

Conversions Part 2

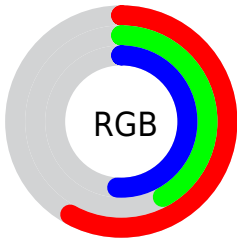
Format	Color
R_{YB}	147, 108, 129
Decimal	9661569
CIE Lab	50.00, 19.01, -5.50
CIE LCh	50, 19.788, 343.873
Yxy	18.4187, 0.3386, 0.2934
Android (android.graphics.Color)	4287851649 (0xFF936C81)
YUV	122.0550, 3.4239, 21.8768
Hunter-Lab	42.9170, 13.3009, -1.8757

Details

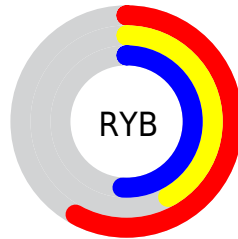
The CIELCh color $50, 19.788, 343.873$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $58, 19.271, 159.355$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 19.546, 343.438$, and $30, 19.946, 343.896$ is the 20% darker color. If you saturate the color by 10%, you get $46, 27.265, 344.905$, and if you desaturate by 10%, it is $54, 12.257, 342.948$.

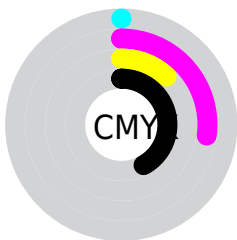
Distribution



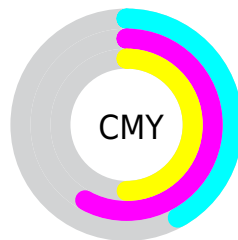
- Red (58%)
- Green (42%)
- Blue (51%)



- Red (58%)
- Yellow (42%)
- Blue (51%)



- Cyan (0%)
- Magenta (27%)
- Yellow (12%)
- Black (42%)





- Cyan (42%)
- Magenta (58%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 19.788, 343.873 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, 19.788, 343.873 by changing the saturation by 10% instead.


 50, 19.788,
343.873


 50, 19.788,
343.873


 100, 19.788,
343.873


 40, 19.788,
343.873


 70, 19.788,
343.873

 30, 19.788,
343.873


 80, 19.788,
343.873


 20, 19.788,
343.873

 90, 19.788,
343.873

 10, 19.788,
343.873

 0, 19.788, 343.873

 50, 19.788,
343.873

 50, 19.788,
343.873

46, 27.265,
344.905

54, 12.257,
342.948

43, 34.495,
346.076

58, 4.812, 342.078

39, 41.198,
347.436

62, 2.469, 161.509

37, 47.030,
349.057

67, 9.541, 160.717

34, 51.627,
351.037

71, 16.386,
160.056

33, 54.696,
353.504

75, 22.998,
159.450

32, 56.263,
356.549

79, 29.384,
158.888

31, 56.737,
357.630

84, 35.555,
158.364

88, 41.526,
157.875

Harmonies

Complementary

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



50, 19.788, 343.873



58, 19.271, 159.355

Rectangle

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



50, 19.788, 343.873



50, 19.788, 33.873



50, 19.788, 163.873



50, 19.788, 213.873

Sweetspot

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



50, 19.786, 343.875



73, 7.285, 342.218



48, 23.970, 308.627



38, 5.226, 342.339



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



50, 19.786, 343.875



61, 29.626, 344.488



49, 16.604, 17.565



29, 4.176, 342.308



29, 54.222, 357.395



1, 3.616, 341.631

Inverse Universe

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



50, 19.786, 343.875



61, 29.626, 344.488



58, 14.186, 193.578



29, 4.176, 342.308



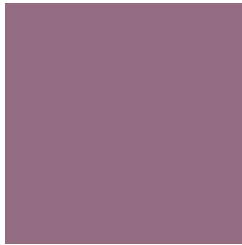
29, 54.222, 357.395



1, 3.616, 341.631

Previews

White Background



This preview shows how the CIELCh color 50, 19.788, 343.873 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, 19.788, 343.873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

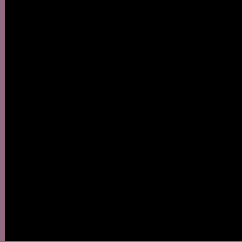
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 19.788, 343.873

Background



This preview shows how black text looks on a background with the CIELCh color 50, 19.788, 343.873.



This preview shows how white text looks on a background with the CIELCh color 50, 19.788, 343.873.

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, 19.788, 343.873

Protanopia
50, 9.968, 287.118

Deuteranopia
50, 7.813, 324.873



Tritanopia
50, 15.198, 3.563

Trichromacy



Original Color
50, 19.788, 343.873

Protanomaly
50, 12.289, 315.800

Deuteranomaly
50, 12.150, 334.728

Tritanomaly
50, 16.882, 355.035

Monochromacy



Original Color
50, 19.788, 343.873

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 6.980, 344.472

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 19.788, 343.873 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(147, 108, 129)` looks like.

```
.text, #text, p{  
    color:rgb(147, 108, 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(147, 108, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 108, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 19.788, 343.873 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(147, 108, 129) }
```

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

```
.border{ border-color:rgb(147, 108, 129) }
```

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

Here you see how a box with a 4 pixel rgb(147, 108, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 108, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 108, 129);  
box-shadow:4px 4px 4px 4px rgb(147, 108,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 19.788, 343.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 108, 129) }
```

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

```
.background{ background-color: rgb(147,  
108, 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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