

Converting Colors

CIELCh(51, 21.666, 14.331)

Have a look what the booklet for
CIELCh(51, 21.666, 14.331) contains.

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Color

CIELCh(51, 21.760, 14.591)

Conversions

Conversions Part 1	
Format	Color
Hex	9F6C71
RGB	159, 108, 113
RGB Percent	62%, 42%, 44%
CMY	0.3767, 0.5767, 0.5571
CMYK	0.00, 0.32, 0.29, 0.38
HSL	354°, 21%, 52%
HSV	354°, 32%, 62%
XYZ	22.6198, 19.2686, 18.1330
YIQ	123.8190, 28.7910, 12.3670

Conversions

Conversions Part 2

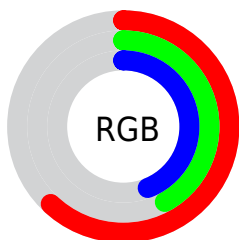
Format	Color
RYB	159, 108, 113
Decimal	10447985
CIELab	51.00, 21.06, 5.48
CIELCh	51, 21.760, 14.591
Yxy	19.2686, 0.3769, 0.3210
Android (android.graphics.Color)	4288638065 (0xFF9F6C71)
YUV	123.8190, -5.3338, 30.8537
Hunter-Lab	43.8960, 15.1637, 6.2352

Details

The CIELCh color **51, 21.760, 14.591** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62, 18.269, 188.898**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 21.801, 14.354**, and **31, 21.634, 15.304** is the 20% darker color. If you saturate the color by 10%, you get **47, 29.289, 16.184**, and if you desaturate by 10%, it is **55, 14.540, 13.318**.

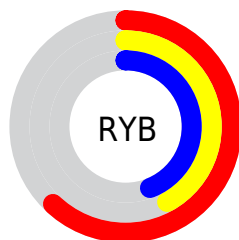
Distribution



Red (62%)

Green (42%)

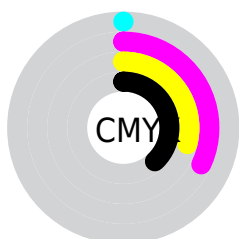
Blue (44%)



Red (62%)

Yellow (42%)

Blue (44%)

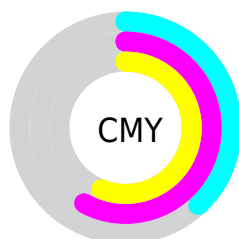


Cyan (0%)

Magenta (32%)

Yellow (29%)

Black (38%)



Cyan (38%)













Magenta (58%)







Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 21.760, 14.591 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 51, 21.760, 14.591 by changing the saturation by 10% instead.

 51, 21.760, 14.591	 51, 21.760, 14.591
 100, 21.760, 14.591	 41, 21.760, 14.591
 71, 21.760, 14.591	 31, 21.760, 14.591
 81, 21.760, 14.591	 21, 21.760, 14.591
 91, 21.760, 14.591	 11, 21.760, 14.591
	 1, 21.760, 14.591
	 0, 21.760, 14.591

 51, 21.760, 14.591	 51, 21.760, 14.591
 47, 29.289, 16.184	 55, 14.540, 13.318
 43, 36.993, 18.189	 60, 7.707, 12.263


 40, 44.665, 20.734

 64, 1.287, 11.123

 37, 52.054, 23.934

 69, 4.725, 190.859


 35, 58.916, 27.827

 74, 10.354,
190.203

 33, 65.018, 32.225

 79, 15.631,
189.668

 33, 69.301, 35.414

 83, 20.590,
189.208

 88, 25.267,
188.804

 93, 29.693,
188.446

Harmonies

Complementary

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



51, 21.760, 14.591



62, 18.269, 188.898

Rectangle

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



51, 21.760, 14.591



51, 21.760, 64.591



51, 21.760, 194.591



51, 21.760, 244.591

Sweetspot

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



51, 21.758, 14.595



77, 7.848, 12.079



52, 33.979, 323.224



40, 5.420, 12.207



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



51, 21.758, 14.595



62, 32.472, 15.609



56, 17.784, 60.740



31, 3.558, 11.987



29, 63.755, 34.971



1, 4.521, 11.720

Inverse Universe

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



51, 21.758, 14.595



62, 32.472, 15.609



56, 15.412, 248.313



31, 3.558, 11.987



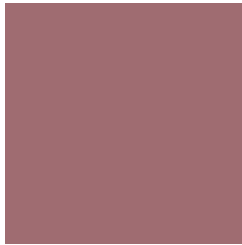
29, 63.755, 34.971



1, 4.521, 11.720

Previews

White Background



This preview shows how the CIELCh color 51, 21.760, 14.591 looks on a white background.

Color Contrast Check

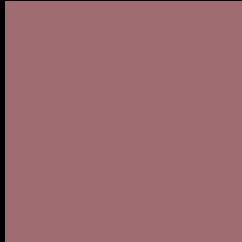
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 51, 21.760, 14.591 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 51, 21.760, 14.591

Background



This preview shows how black text looks on a background with the CIELCh color 51, 21.760, 14.591.



This preview shows how white text looks on a background with the CIELCh color 51, 21.760, 14.591.

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

51, 21.760, 14.591

Protanopia

51, 1.336, 45.004

Deuteranopia

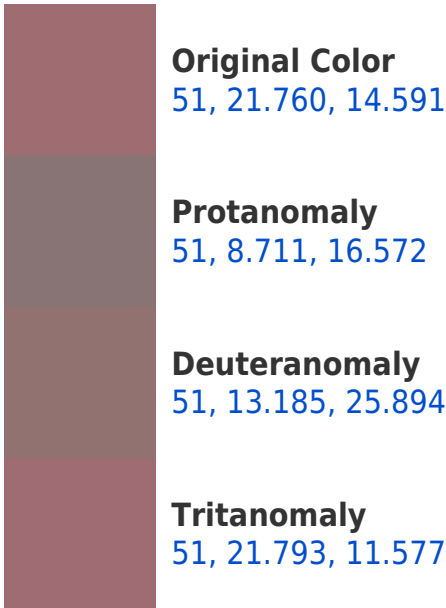
51, 9.144, 42.514



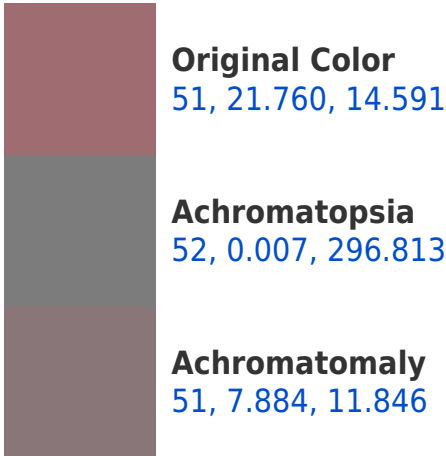
Tritanopia

51, 21.834, 10.076

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIElCh 51, 21.760, 14.591 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(159, 108, 113)` looks like.

```
.text, #text, p{  
    color:rgb(159, 108, 113)  
}
```

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(159, 108, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 108, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 21.760, 14.591 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(159, 108, 113) }
```

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

```
.border{ border-color:rgb(159, 108, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 108, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 108, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 108, 113);  
box-shadow:4px 4px 4px 4px rgb(159, 108,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 21.760, 14.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 108, 113) }
```

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

```
.background{ background-color: rgb(159,  
108, 113) }
```

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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