

Converting Colors

CIELCh(64, 3.916, 11.518)

Have a look what the booklet for
CIELCh(64, 3.916, 11.518) contains.

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Color

CIELCh(64, 3.921, 11.521)

Conversions

Conversions Part 1

Format	Color
Hex	A3999A
RGB	163, 153, 154
RGB Percent	64%, 60%, 60%
CMY	0.3616, 0.4008, 0.3969
CMYK	0.00, 0.06, 0.06, 0.36
HSL	354°, 5%, 62%
HSV	354°, 6%, 64%
XYZ	32.2308, 32.8017, 35.1105
YIQ	156.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

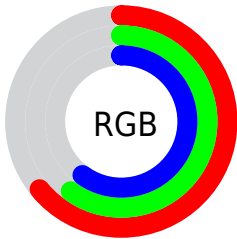
Format	Color
RYB	163, 153, 154
Decimal	10721690
CIELab	64.00, 3.84, 0.78
CIElCh	64, 3.921, 11.521
Yxy	32.8017, 0.3218, 0.3275
Android (android.graphics.Color)	4288911770 (0xFFA3999A)
YUV	156.1040, -1.0373, 6.0478
Hunter-Lab	57.2727, 0.2252, 3.7437

Details

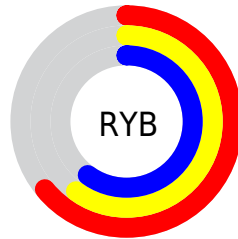
The CIELCh color **64, 3.921, 11.521** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 3.799, 190.827**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 4.066, 12.149**, and **44, 3.811, 10.802** is the 20% darker color. If you saturate the color by 10%, you get **59, 10.639, 12.535**, and if you desaturate by 10%, it is **69, 2.380, 191.086**.

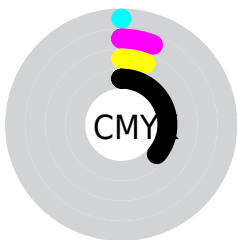
Distribution



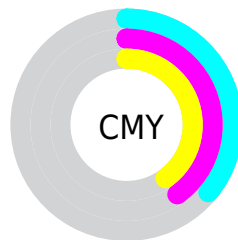
- Red (64%)
- Green (60%)
- Blue (60%)



- Red (64%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (36%)





- Cyan (36%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 3.921, 11.521 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 64, 3.921, 11.521 by changing the saturation by 10% instead.

 64, 3.921, 11.521  64, 3.921, 11.521

 100, 3.921, 11.521  54, 3.921, 11.521

 84, 3.921, 11.521  44, 3.921, 11.521

 94, 3.921, 11.521  34, 3.921, 11.521



 24, 3.921, 11.521

 14, 3.921, 11.521

 4, 3.921, 11.521

 0, 3.921, 11.521

 64, 3.921, 11.521  64, 3.921, 11.521

 59, 10.639, 12.535  69, 2.380, 191.086

55, 17.772, 13.675

74, 8.278, 190.301

50, 25.274, 15.073

78, 13.803,
189.723

46, 33.041, 16.825

83, 18.990,
189.232

43, 40.903, 19.045

39, 48.625, 21.858

88, 23.875,
188.804

37, 55.946, 25.362

93, 28.491,
188.426

35, 62.630, 29.526

34, 68.444, 33.970

95, 28.670,
197.651

Harmonies

Complementary

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



64, 3.921, 11.521



66, 3.799, 190.827

Rectangle

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



64, 3.921, 11.521



64, 3.921, 61.521



64, 3.921, 191.521



64, 3.921, 241.521

Sweetspot

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



64, 3.920, 11.541



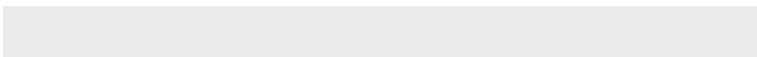
84, 1.562, 10.970



64, 6.570, 321.975



45, 0.895, 10.939



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



64, 3.920, 11.541



81, 5.551, 11.642



65, 3.200, 63.166



33, 2.907, 11.670



30, 64.571, 34.953



1, 5.520, 11.931

Inverse Universe

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



64, 3.920, 11.541



81, 5.551, 11.642



65, 3.131, 244.663



33, 2.907, 11.670



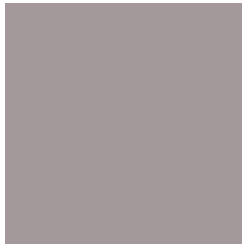
30, 64.571, 34.953



1, 5.520, 11.931

Previews

White Background



This preview shows how the CIELCh color 64, 3.921, 11.521 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 64, 3.921, 11.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

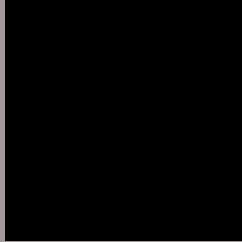
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

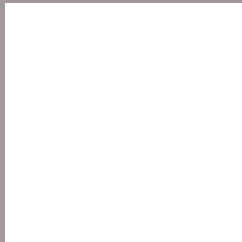
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 3.921, 11.521

Background



This preview shows how black text looks on a background with the CIELCh color 64, 3.921, 11.521.

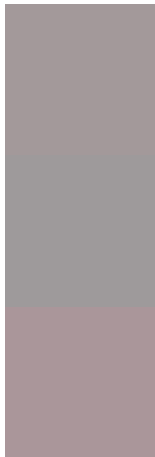


This preview shows how white text looks on a background with the CIELCh color 64, 3.921, 11.521.

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


64, 3.921, 11.521

Protanopia

64, 1.644, 359.492

Deuteranopia

64, 8.123, 4.299



Tritanopia
64, 8.360, 326.997

Trichromacy



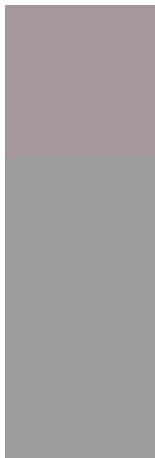
Original Color
64, 3.921, 11.521

Protanomaly
64, 2.385, 5.964

Deuteranomaly
64, 6.455, 5.015

Tritanomaly
64, 6.431, 336.122

Monochromacy



Original Color
64, 3.921, 11.521

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 1.154, 19.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 3.921, 11.521 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(163, 153, 154)` looks like.

```
.text, #text, p{  
    color:rgb(163, 153, 154)  
}
```

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(163, 153, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 153, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 3.921, 11.521 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(163, 153, 154) }
```

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

```
.border{ border-color:rgb(163, 153, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 153, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 153, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 153, 154);  
box-shadow:4px 4px 4px 4px rgb(163, 153,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 3.921, 11.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 153, 154) }
```

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

```
.background{ background-color: rgb(163,  
153, 154) }
```

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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