

Converting Colors

CIELCh(64, 13.970, 341.232)

Have a look what the booklet for
CIELCh(64, 13.970, 341.232)
contains.

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Color

CIELCh(64, 13.970, 341.232)

Conversions

Conversions Part 1

Format	Color
Hex	AF93A3
RGB	175, 147, 163
RGB Percent	69%, 58%, 64%
CMY	0.3122, 0.4220, 0.3593
CMYK	0.00, 0.16, 0.07, 0.31
HSL	326°, 15%, 63%
HSV	326°, 16%, 69%
XYZ	34.9041, 32.8017, 39.3220
YIQ	157.1960, 11.5520, 10.9120

Conversions

Conversions Part 2

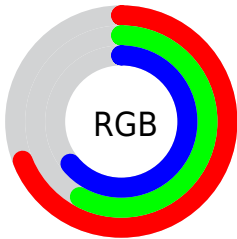
Format	Color
RYB	175, 147, 163
Decimal	11506595
CIELab	64.00, 13.23, -4.49
CIELCh	64, 13.970, 341.232
Yxy	32.8017, 0.3261, 0.3065
Android (android.graphics.Color)	4289696675 (0xFFAF93A3)
YUV	157.1960, 2.8614, 15.6141
Hunter-Lab	57.2727, 8.5572, -0.6160

Details

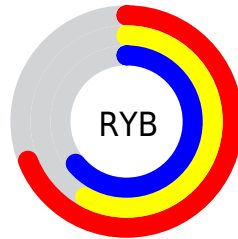
The CIELCh color $64, 13.970, 341.232$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $69, 13.773, 158.737$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 14.130, 341.233$, and $44, 13.952, 341.363$ is the 20% darker color. If you saturate the color by 10%, you get $59, 22.851, 342.131$, and if you desaturate by 10%, it is $69, 5.173, 340.384$.

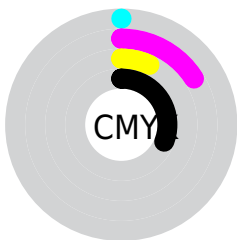
Distribution



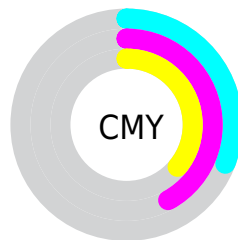
- Red (69%)
- Green (58%)
- Blue (64%)



- Red (69%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (16%)
- Yellow (7%)
- Black (31%)





- Cyan (31%)
- Magenta (42%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 13.970, 341.232 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, 13.970, 341.232 by changing the saturation by 10% instead.

 64, 13.970,
341.232


 64, 13.970,
341.232


 100, 13.970,
341.232


 54, 13.970,
341.232


 84, 13.970,
341.232

 44, 13.970,
341.232

 94, 13.970,
341.232

 34, 13.970,
341.232

 24, 13.970,
341.232

 14, 13.970,
341.232

 4, 13.970, 341.232

 0, 13.970, 341.232

64, 13.970,
341.232

64, 13.970,
341.232

59, 22.851,
342.131

69, 5.173, 340.384

55, 31.661,
343.120

74, 3.436, 159.808

78, 11.803,
159.050

51, 40.153,
344.235

83, 19.904,
158.401

47, 47.991,
345.519

88, 27.734,
157.802

44, 54.759,
347.038

93, 35.300,
157.246

41, 60.015,
348.883


94, 34.034,
161.231


40, 63.414,
351.172

94, 31.604,
166.597

38, 64.893,

354.029

 95, 29.451,
172.767

 38, 65.278,
355.266

Harmonies

Complementary

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



64, 13.970, 341.232



69, 13.773, 158.737

Rectangle

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



64, 13.970, 341.232



64, 13.970, 31.232



64, 13.970, 161.232



64, 13.970, 211.232

Sweetspot

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



64, 13.968, 341.234



87, 5.338, 340.304



63, 16.335, 306.907



46, 3.673, 340.366



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



64, 13.968, 341.234



79, 20.544, 341.527



64, 11.164, 13.826



34, 4.876, 340.669



32, 58.421, 354.806



2, 9.548, 344.962

Inverse Universe

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



64, 13.968, 341.234



79, 20.544, 341.527



70, 10.248, 191.389



34, 4.876, 340.669



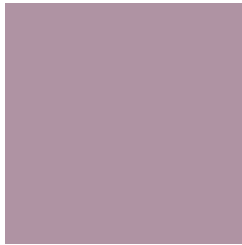
32, 58.421, 354.806



2, 9.548, 344.962

Previews

White Background



This preview shows how the CIELCh color 64, 13.970, 341.232 looks on a white background.

Color Contrast Check

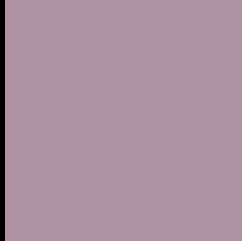
Large Text (above 18pt) WCAG AA × Fail

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, 13.970, 341.232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

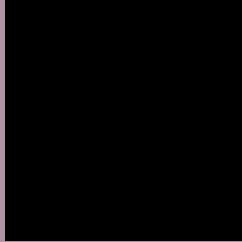
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 13.970, 341.232

Background



This preview shows how black text looks on a background with the CIELCh color 64, 13.970, 341.232.



This preview shows how white text looks on a background with the CIELCh color 64, 13.970, 341.232.

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, 13.970, 341.232

Protanopia

64, 7.814, 291.020

Deuteranopia

64, 9.086, 332.920



Tritanopia
64, 12.394, 348.107

Trichromacy



Original Color
64, 13.970, 341.232

Protanomaly
64, 8.714, 316.512

Deuteranomaly
64, 10.560, 337.188

Tritanomaly
64, 12.685, 345.965

Monochromacy



Original Color
64, 13.970, 341.232

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 5.104, 339.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 13.970, 341.232 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(175, 147, 163)` looks like.

```
.text, #text, p{  
    color:rgb(175, 147, 163)  
}
```

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(175, 147, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 147, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 13.970, 341.232 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(175, 147, 163) }
```

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

```
.border{ border-color:rgb(175, 147, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 147, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 147, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 147, 163);  
box-shadow:4px 4px 4px 4px rgb(175, 147,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 13.970, 341.232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 147, 163) }
```

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

```
.background{ background-color: rgb(175,  
147, 163) }
```

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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