

Converting Colors

CIELCh(64, 10.149, 342.336)

Have a look what the booklet for
CIELCh(64, 10.149, 342.336)
contains.

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Color

CIELCh(64, 9.848, 341.948)

Conversions

Conversions Part 1

Format	Color
Hex	AA96A1
RGB	170, 150, 161
RGB Percent	67%, 59%, 63%
CMY	0.3344, 0.4128, 0.3697
CMYK	0.00, 0.12, 0.05, 0.33
HSL	327°, 10%, 63%
HSV	327°, 12%, 67%
XYZ	33.7863, 32.8017, 38.1389
YIQ	157.2340, 8.3890, 7.6610

Conversions

Conversions Part 2

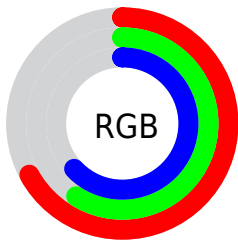
Format	Color
RYB	170, 150, 161
Decimal	11179681
CIELab	64.00, 9.36, -3.05
CIELCh	64, 9.848, 341.948
Yxy	32.8017, 0.3226, 0.3132
Android (android.graphics.Color)	4289369761 (0xFFAA96A1)
YUV	157.2340, 1.8566, 11.1958
Hunter-Lab	57.2727, 5.0732, 0.6087

Details

The CIELCh color $64, 9.848, 341.948$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 9.728, 160.149$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 9.937, 340.681$, and $44, 10.234, 340.820$ is the 20% darker color. If you saturate the color by 10%, you get $59, 18.358, 342.840$, and if you desaturate by 10%, it is $69, 1.474, 340.958$.

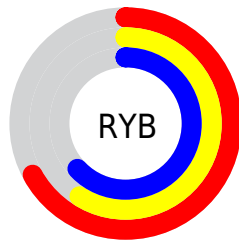
Distribution



Red (67%)

Green (59%)

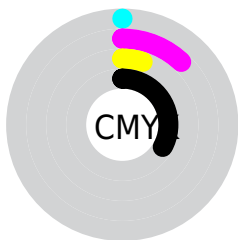
Blue (63%)



Red (67%)

Yellow (59%)

Blue (63%)

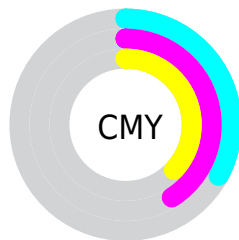


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (33%)



Cyan (33%)

Magenta (41%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 9.848, 341.948 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, 9.848, 341.948 by changing the saturation by 10% instead.

64, 9.848, 341.948

64, 9.848, 341.948

100, 9.848,
341.948

54, 9.848, 341.948

84, 9.848, 341.948

44, 9.848, 341.948

94, 9.848, 341.948

34, 9.848, 341.948

24, 9.848, 341.948

14, 9.848, 341.948

4, 9.848, 341.948

0, 9.848, 341.948

64, 9.848, 341.948

64, 9.848, 341.948

59, 18.358,

69, 1.474, 340.958

342.840

73, 6.685, 160.512

55, 26.884,
343.815

78, 14.594,
159.809

51, 35.228,
344.911

83, 22.240,
159.175

47, 43.108,
346.168

88, 29.624,
158.590

44, 50.153,
347.649

93, 36.756,
158.045

41, 55.941,
349.437

94, 36.054,
161.570

39, 60.081,
351.650

94, 33.585,
166.721

37, 62.364,
354.426

94, 31.381,
172.609

37, 63.265,
357.085

Harmonies

Complementary

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



64, 9.848, 341.948



68, 9.728, 160.149

Rectangle

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



64, 9.848, 341.948



64, 9.848, 31.948



64, 9.848, 161.948



64, 9.848, 211.948

Sweetspot

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



64, 9.846, 341.951



86, 4.126, 341.265



63, 11.722, 307.850



46, 2.957, 341.339



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



64, 9.846, 341.951



80, 14.587, 342.166



64, 7.881, 16.080



33, 4.686, 341.736



32, 57.273, 356.633



2, 8.038, 345.016

Inverse Universe

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



64, 9.846, 341.951



80, 14.587, 342.166



68, 7.372, 194.541



33, 4.686, 341.736



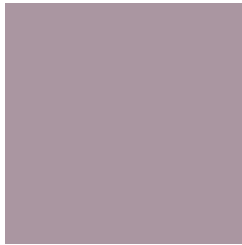
32, 57.273, 356.633



2, 8.038, 345.016

Previews

White Background



This preview shows how the CIELCh color 64, 9.848, 341.948 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 CIELCh color 64, 9.848, 341.948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

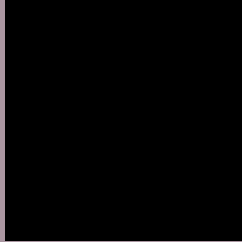
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 9.848, 341.948

Background



This preview shows how black text looks on a background with the CIELCh color 64, 9.848, 341.948.



This preview shows how white text looks on a background with the CIELCh color 64, 9.848, 341.948.

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, 9.848, 341.948

Protanopia

64, 5.092, 299.204

Deuteranopia

64, 9.258, 338.874



Tritanopia
64, 9.848, 341.948

Trichromacy



Original Color
64, 9.848, 341.948

Protanomaly
64, 6.579, 321.977

Deuteranomaly
64, 9.550, 340.456

Tritanomaly
64, 9.848, 341.948

Monochromacy



Original Color
64, 9.848, 341.948

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 3.812, 343.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 9.848, 341.948 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(170, 150, 161)` looks like.

```
.text, #text, p{  
    color:rgb(170, 150, 161)  
}
```

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(170, 150, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 150, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 9.848, 341.948 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(170, 150, 161) }
```

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

```
.border{ border-color:rgb(170, 150, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 150, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 150, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 150, 161);  
box-shadow:4px 4px 4px 4px rgb(170, 150,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 9.848, 341.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 150, 161) }
```

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

```
.background{ background-color: rgb(170,  
150, 161) }
```

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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