

Converting Colors

CIELCh(64, 11.565, 313.975)

Have a look what the booklet for
CIELCh(64, 11.565, 313.975)
contains.

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Color

CIELCh(64, 11.565, 313.975)

Conversions

Conversions Part 1

Format	Color
Hex	A397AA
RGB	163, 151, 170
RGB Percent	64%, 59%, 67%
CMY	0.3610, 0.4080, 0.3335
CMYK	0.04, 0.11, 0.00, 0.33
HSL	278°, 10%, 63%
HSV	278°, 11%, 67%
XYZ	33.4062, 32.8017, 42.5785
YIQ	156.7540, 1.0530, 8.4530

Conversions

Conversions Part 2

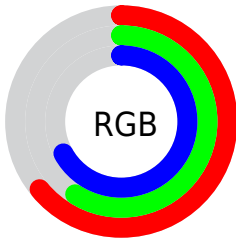
Format	Color
RYB	163, 151, 170
Decimal	10721194
CIELab	64.00, 8.03, -8.32
CIELCh	64, 11.565, 313.975
Yxy	32.8017, 0.3071, 0.3015
Android (android.graphics.Color)	4288911274 (0xFFA397AA)
YUV	156.7540, 6.5303, 5.4777
Hunter-Lab	57.2727, 3.8887, -3.9873

Details

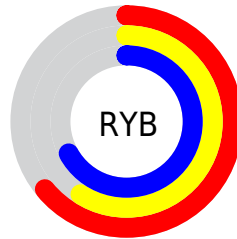
The CIELCh color $64, 11.565, 313.975$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 11.435, 133.072$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 11.578, 314.484$, and $44, 11.702, 313.460$ is the 20% darker color. If you saturate the color by 10%, you get $59, 22.147, 314.413$, and if you desaturate by 10%, it is $69, 1.209, 313.457$.

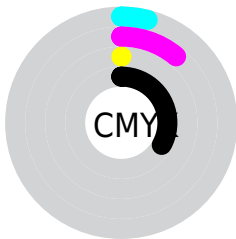
Distribution



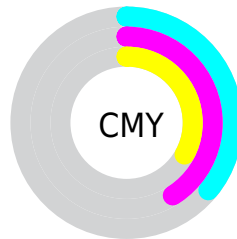
- Red (64%)
- Green (59%)
- Blue (67%)



- Red (64%)
- Yellow (59%)
- Blue (67%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (33%)





- Cyan (36%)
- Magenta (41%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 11.565, 313.975 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, 11.565, 313.975 by changing the saturation by 10% instead.


 64, 11.565,
313.975


 64, 11.565,
313.975


 100, 11.565,
313.975


 54, 11.565,
313.975


 84, 11.565,
313.975

 44, 11.565,
313.975

 94, 11.565,
313.975

 34, 11.565,
313.975

 24, 11.565,
313.975

 14, 11.565,
313.975

 4, 11.565, 313.975

 0, 11.565, 313.975

64, 11.565,
313.975

64, 11.565,
313.975

59, 22.147,
314.413

69, 1.209, 313.457

54, 32.884,
314.860

74, 8.876, 133.208

49, 43.645,
315.297

79, 18.675,
132.849

45, 54.215,
315.696

84, 28.186,
132.529

41, 64.266,
316.015

89, 37.414,
132.242

37, 73.338,
316.194

94, 46.368,
131.987

34, 80.858,
316.162


95, 46.577,
129.821

31, 86.260,

95, 45.673,
127.250

315.840

 96, 44.862,
124.537

 30, 89.504,
315.360

Harmonies

Complementary

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



64, 11.565, 313.975



68, 11.435, 133.072

Rectangle

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



64, 11.565, 313.975



64, 11.565, 3.975



64, 11.565, 133.975



64, 11.565, 183.975

Sweetspot

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



64, 11.563, 313.974



87, 3.823, 313.604



65, 6.984, 268.434



46, 2.923, 313.646



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, 11.563, 313.974



80, 16.744, 314.063



65, 11.827, 328.404



33, 5.796, 313.891



25, 80.745, 315.479



1, 10.274, 310.918

Inverse Universe

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



64, 8.329, 352.375



81, 12.074, 352.588



68, 11.803, 147.117



33, 4.171, 352.181



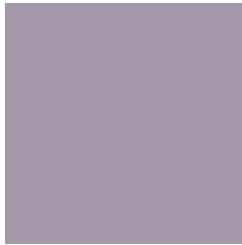
31, 56.746, 13.664



2, 7.274, 354.780

Previews

White Background



This preview shows how the CIELCh color 64, 11.565, 313.975 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, 11.565, 313.975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

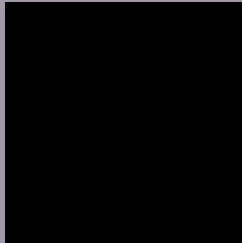
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

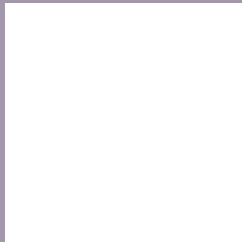
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 11.565, 313.975

Background



This preview shows how black text looks on a background with the CIELCh color 64, 11.565, 313.975.



This preview shows how white text looks on a background with the CIELCh color 64, 11.565, 313.975.

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, 11.565, 313.975

Protanopia

64, 10.044, 289.173

Deuteranopia

64, 11.565, 313.975



Tritanopia
64, 7.729, 320.099

Trichromacy



Original Color
64, 11.565, 313.975

Protanomaly
64, 10.181, 299.560

Deuteranomaly
64, 11.565, 313.975

Tritanomaly
64, 8.714, 316.512

Monochromacy



Original Color
64, 11.565, 313.975

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 4.206, 311.672

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 11.565, 313.975 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, 151, 170)` looks like.

```
.text, #text, p{  
    color:rgb(163, 151, 170)  
}
```

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, 151, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 151, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 11.565, 313.975 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, 151, 170) }
```

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

```
.border{ border-color:rgb(163, 151, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 151, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 151, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 151, 170);  
box-shadow:4px 4px 4px 4px rgb(163, 151,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 11.565, 313.975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 151, 170) }
```

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

```
.background{ background-color: rgb(163,  
151, 170) }
```

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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