

Converting Colors

CIELCh(64, 10.909, 313.279)

Have a look what the booklet for
CIELCh(64, 10.909, 313.279)
contains.

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Color

CIELCh(64, 10.909, 313.279)

Conversions

Conversions Part 1

Format	Color
Hex	A297A9
RGB	162, 151, 169
RGB Percent	64%, 59%, 66%
CMY	0.3637, 0.4068, 0.3362
CMYK	0.04, 0.11, 0.00, 0.34
HSL	277°, 10%, 63%
HSV	277°, 11%, 66%
XYZ	33.2498, 32.8017, 42.2469
YIQ	156.3410, 0.7780, 7.9300

Conversions

Conversions Part 2

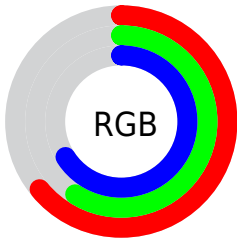
Format	Color
RYB	162, 151, 169
Decimal	10655657
CIELab	64.00, 7.48, -7.94
CIELCh	64, 10.909, 313.279
Yxy	32.8017, 0.3070, 0.3029
Android (android.graphics.Color)	4288845737 (0xFFA297A9)
YUV	156.3410, 6.2409, 4.9629
Hunter-Lab	57.2727, 3.4013, -3.6440

Details

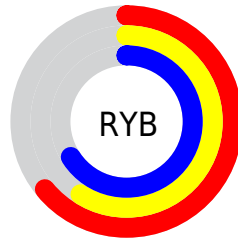
The CIELCh color $64, 10.909, 313.279$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 10.784, 132.421$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 10.954, 313.865$, and $44, 11.003, 312.672$ is the 20% darker color. If you saturate the color by 10%, you get $59, 21.403, 313.721$, and if you desaturate by 10%, it is $69, 0.651, 312.669$.

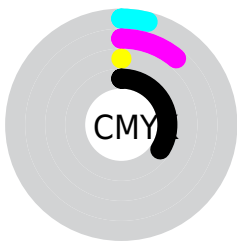
Distribution



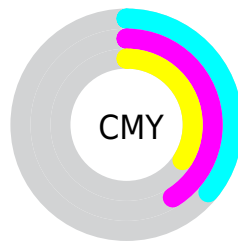
- Red (64%)
- Green (59%)
- Blue (66%)



- Red (64%)
- Yellow (59%)
- Blue (66%)



- Cyan (4%)
- Magenta (11%)
- Yellow (0%)
- Black (34%)





- Cyan (36%)
- Magenta (41%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 10.909, 313.279 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, 10.909, 313.279 by changing the saturation by 10% instead.


 64, 10.909,
313.279


 64, 10.909,
313.279


 100, 10.909,
313.279


 54, 10.909,
313.279


 84, 10.909,
313.279

 44, 10.909,
313.279

 94, 10.909,
313.279

 34, 10.909,
313.279

 24, 10.909,
313.279

 14, 10.909,
313.279

 4, 10.909, 313.279

 0, 10.909, 313.279

64, 10.909,
313.279

64, 10.909,
313.279

59, 21.403,
313.721

69, 0.651, 312.669

54, 32.071,
314.174

74, 9.332, 132.511

49, 42.791,
314.623

79, 19.027,
132.157

45, 53.361,
315.039

84, 28.435,
131.841

40, 63.471,
315.379

89, 37.561,
131.560

37, 72.671,
315.586

94, 46.417,
131.311

33, 80.386,
315.583

95, 46.656,
129.030

31, 86.025,

96, 45.736,
126.300

315.287

■ 96, 44.923,
123.416

■ 29, 89.607,
314.785

Harmonies

Complementary

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



64, 10.909, 313.279



68, 10.784, 132.421

Rectangle

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



64, 10.909, 313.279



64, 10.909, 3.279



64, 10.909, 133.279



64, 10.909, 183.279

Sweetspot

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



64, 10.907, 313.277



86, 3.768, 312.931



65, 6.509, 266.867



45, 2.854, 312.972



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



64, 10.907, 313.277



79, 16.509, 313.391



65, 11.345, 327.854



33, 5.767, 313.218



25, 81.077, 314.903



1, 10.225, 310.219

Inverse Universe

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



64, 7.987, 351.015



80, 12.101, 351.279



68, 11.323, 146.648



33, 4.221, 350.879



31, 56.506, 11.719



2, 7.348, 353.594

Previews

White Background



This preview shows how the CIELCh color 64, 10.909, 313.279 looks on a white background.

Color Contrast Check

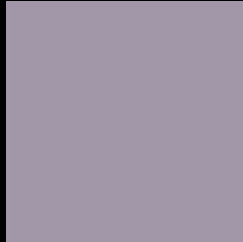
Large Text (above 18pt) WCAG AA × Fail

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, 10.909, 313.279 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, 10.909, 313.279

Background



This preview shows how black text looks on a background with the CIELCh color 64, 10.909, 313.279.



This preview shows how white text looks on a background with the CIELCh color 64, 10.909, 313.279.

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, 10.909, 313.279

Protanopia

64, 9.487, 288.987

Deuteranopia

64, 11.214, 316.860



Tritanopia
64, 7.550, 317.577

Trichromacy



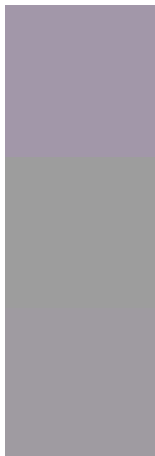
Original Color
64, 10.909, 313.279

Protanomaly
64, 9.576, 297.820

Deuteranomaly
64, 11.056, 315.092

Tritanomaly
64, 8.556, 314.223

Monochromacy



Original Color
64, 10.909, 313.279

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 3.693, 314.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 10.909, 313.279 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(162, 151, 169)` looks like.

```
.text, #text, p{  
    color:rgb(162, 151, 169)  
}
```

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(162, 151, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 151, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 10.909, 313.279 is called "border". The border property can be set on classes, ids or directly on the HTML element.

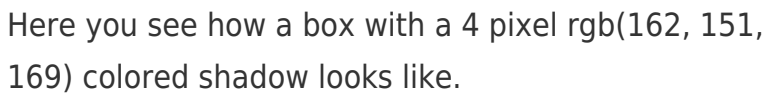
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 151, 169) }
```

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

```
.border{ border-color:rgb(162, 151, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 151, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 151, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 151, 169); box-shadow:4px 4px 4px 4px rgb(162, 151, 169) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 10.909, 313.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 151, 169) }
```

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

```
.background{ background-color: rgb(162,  
151, 169) }
```

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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