

Converting Colors

CIELCh(64, 10.975, 304.930)

Have a look what the booklet for
CIELCh(64, 10.975, 304.930)
contains.

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Color

CIELCh(64, 10.962, 304.926)

Conversions

Conversions Part 1

Format	Color
Hex	9F98AB
RGB	159, 152, 171
RGB Percent	62%, 60%, 67%
CMY	0.3762, 0.4036, 0.3291
CMYK	0.07, 0.11, 0.00, 0.33
HSL	262°, 10%, 63%
HSV	262°, 11%, 67%
XYZ	32.9105, 32.8017, 43.1620
YIQ	156.2590, -1.9270, 7.3930

Conversions

Conversions Part 2

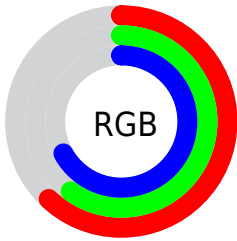
Format	Color
R_{YB}	159, 152, 171
Decimal	10459307
CIE Lab	64.00, 6.28, -8.99
CIE LCh	64, 10.962, 304.926
Yxy	32.8017, 0.3023, 0.3013
Android (android.graphics.Color)	4288649387 (0xFF9F98AB)
YUV	156.2590, 7.2673, 2.4039
Hunter-Lab	57.2727, 2.3436, -4.5913

Details

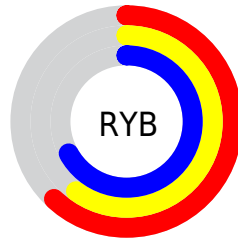
The CIELCh color $64, 10.962, 304.926$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 10.749, 123.788$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 10.974, 305.940$, and $44, 11.192, 305.855$ is the 20% darker color. If you saturate the color by 10%, you get $59, 21.168, 305.522$, and if you desaturate by 10%, it is $69, 1.080, 304.339$.

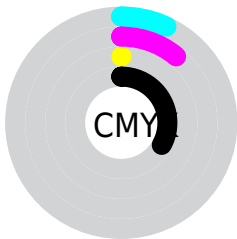
Distribution



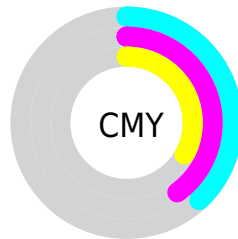
- Red (62%)
- Green (60%)
- Blue (67%)



- Red (62%)
- Yellow (60%)
- Blue (67%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (33%)





- Cyan (38%)
- Magenta (40%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 10.962, 304.926 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, 10.962, 304.926 by changing the saturation by 10% instead.

 64, 10.962,
304.926


 64, 10.962,
304.926


 100, 10.962,
304.926


 54, 10.962,
304.926


 84, 10.962,
304.926

 44, 10.962,
304.926

 94, 10.962,
304.926

 34, 10.962,
304.926

 24, 10.962,
304.926

 14, 10.962,
304.926

 4, 10.962, 304.926

 0, 10.962, 304.926

64, 10.962,
304.926

64, 10.962,
304.926

59, 21.168,
305.522

69, 1.080, 304.339

53, 31.685,
306.183

75, 8.472, 123.939

48, 42.458,
306.898

80, 17.706,
123.526

43, 53.365,
307.643

86, 26.637,
123.169

38, 64.170,
308.376

91, 35.281,
122.861

33, 74.452,
309.021

96, 43.654,
122.596


29, 83.537,
309.462


97, 42.803,
117.473

26, 90.541,

98, 42.191,
111.964

309.551

 98, 42.011,
106.970

 24, 95.021,
309.384

Harmonies

Complementary

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



64, 10.962, 304.926



69, 10.749, 123.788

Rectangle

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



64, 10.962, 304.926



64, 10.962, 354.926



64, 10.962, 124.926



64, 10.962, 174.926

Sweetspot

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



64, 10.960, 304.923



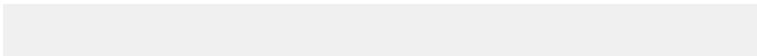
86, 3.616, 304.475



67, 5.787, 241.017



46, 2.765, 304.520



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, 10.960, 304.923



80, 15.905, 305.045



65, 12.296, 321.262



34, 5.633, 304.822



20, 86.342, 309.492



1, 11.618, 301.816

Inverse Universe

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



65, 9.885, 337.960



81, 14.320, 338.126



68, 12.244, 140.234



34, 5.087, 337.820



33, 60.037, 349.748



2, 9.959, 341.741

Previews

White Background



This preview shows how the CIELCh color 64, 10.962, 304.926 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, 10.962, 304.926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

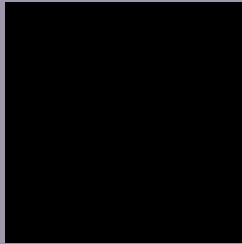
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

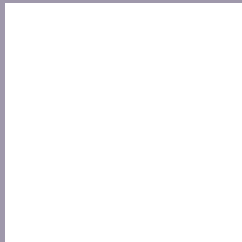
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 10.962, 304.926

Background



This preview shows how black text looks on a background with the CIELCh color 64, 10.962, 304.926.



This preview shows how white text looks on a background with the CIELCh color 64, 10.962, 304.926.

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, 10.962, 304.926

Protanopia

64, 10.044, 289.173

Deuteranopia

64, 12.079, 312.958



Tritanopia
64, 6.984, 306.443

Trichromacy



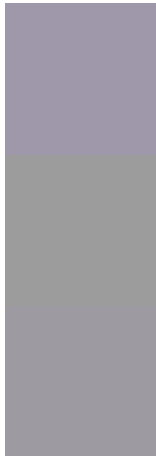
Original Color
64, 10.962, 304.926

Protanomaly
64, 10.649, 295.252

Deuteranomaly
64, 11.946, 311.285

Tritanomaly
64, 8.063, 304.365

Monochromacy



Original Color
64, 10.962, 304.926

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 3.443, 303.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 10.962, 304.926 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(159, 152, 171)` looks like.

```
.text, #text, p{  
    color:rgb(159, 152, 171)  
}
```

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(159, 152, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 152, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 10.962, 304.926 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(159, 152, 171) }
```

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

```
.border{ border-color:rgb(159, 152, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 152, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 152, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 152, 171);  
box-shadow:4px 4px 4px 4px rgb(159, 152,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 10.962, 304.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 152, 171) }
```

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

```
.background{ background-color: rgb(159,  
152, 171) }
```

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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