

Converting Colors

CIELCh(63, 9.259, 299.982)

Have a look what the booklet for
CIELCh(63, 9.259, 299.982) contains.

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Color

CIELCh(63, 9.665, 300.017)

Conversions

Conversions Part 1

Format	Color
Hex	9A96A7
RGB	154, 150, 167
RGB Percent	60%, 59%, 65%
CMY	0.3951, 0.4108, 0.3441
CMYK	0.08, 0.10, 0.00, 0.34
HSL	254°, 9%, 62%
HSV	254°, 10%, 66%
XYZ	31.3195, 31.5869, 41.1297
YIQ	153.1340, -3.0730, 6.1350

Conversions

Conversions Part 2

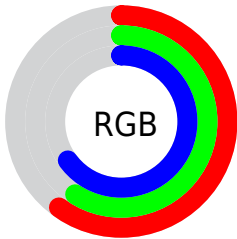
Format	Color
RYB	154, 150, 167
Decimal	10131111
CIELab	63.00, 4.83, -8.37
CIElCh	63, 9.665, 300.017
Yxy	31.5869, 0.3010, 0.3036
Android (android.graphics.Color)	4288321191 (0xFF9A96A7)
YUV	153.1340, 6.8359, 0.7595
Hunter-Lab	56.2022, 1.1178, -4.0478

Details

The CIELCh color $63, 9.665, 300.017$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 9.462, 118.713$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 9.658, 299.396$, and $43, 9.806, 300.790$ is the 20% darker color. If you saturate the color by 10%, you get $57, 19.520, 300.772$, and if you desaturate by 10%, it is $68, 0.163, 299.224$.

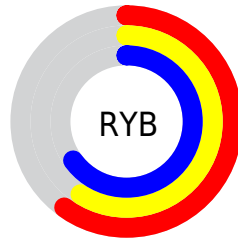
Distribution



Red (60%)

Green (59%)

Blue (65%)



Red (60%)

Yellow (59%)

Blue (65%)

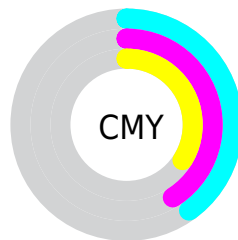


Cyan (8%)

Magenta (10%)

Yellow (0%)

Black (34%)



Cyan (40%)

Magenta (41%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 9.665, 300.017 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 63, 9.665, 300.017 by changing the saturation by 10% instead.

■ 63, 9.665, 300.017

■ 63, 9.665, 300.017

■ 100, 9.665,
300.017

■ 53, 9.665, 300.017

■ 83, 9.665, 300.017

■ 43, 9.665, 300.017

■ 93, 9.665, 300.017

■ 33, 9.665, 300.017

■ 23, 9.665, 300.017

■ 13, 9.665, 300.017

■ 3, 9.665, 300.017

■ 0, 9.665, 300.017

■ 63, 9.665, 300.017

■ 63, 9.665, 300.017

■ 57, 19.520,

■ 68, 0.163, 299.224

300.772

74, 8.996, 118.786

52, 29.737,
301.635

79, 17.832,
118.291

46, 40.296,
302.603

85, 26.366,
117.865

41, 51.127,
303.664

90, 34.616,
117.498

36, 62.058,
304.780

95, 42.600,
117.182

31, 72.720,
305.872

97, 44.104,
112.494

27, 82.439,
306.807

98, 43.864,
106.827

23, 90.189,
307.391

21, 95.584,
307.639

Harmonies

Complementary

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



63, 9.665, 300.017



68, 9.462, 118.713

Rectangle

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



63, 9.665, 300.017



63, 9.665, 350.017



63, 9.665, 120.017



63, 9.665, 170.017

Sweetspot

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



63, 9.663, 300.013



85, 3.483, 299.529



66, 5.241, 223.946



45, 2.663, 299.581



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



63, 9.663, 300.013



78, 14.137, 300.161



64, 10.640, 317.186



33, 5.398, 299.951



18, 87.230, 307.719



1, 9.669, 298.086

Inverse Universe

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



64, 9.760, 332.403



80, 14.244, 332.541



67, 10.560, 136.356



33, 5.457, 332.344



33, 64.447, 340.115



2, 9.425, 334.385

Previews

White Background



This preview shows how the CIELCh color 63, 9.665, 300.017 looks on a white background.

Color Contrast Check

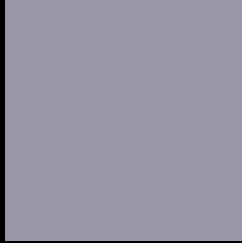
Large Text (above 18pt) WCAG AA × Fail

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 63, 9.665, 300.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

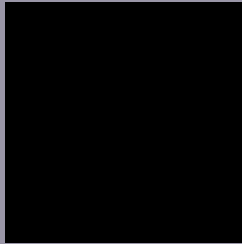
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

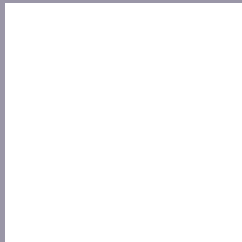
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 9.665, 300.017

Background



This preview shows how black text looks on a background with the CIELCh color 63, 9.665, 300.017.



This preview shows how white text looks on a background with the CIELCh color 63, 9.665, 300.017.

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


63, 9.665, 300.017

Protanopia

63, 9.520, 291.213

Deuteranopia

63, 12.121, 312.967



Tritanopia
63, 6.830, 300.368

Trichromacy



Original Color
63, 9.665, 300.017

Protanomaly
63, 9.533, 293.423

Deuteranomaly
63, 11.204, 308.651

Tritanomaly
63, 7.936, 299.115

Monochromacy



Original Color
63, 9.665, 300.017

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 3.388, 296.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 9.665, 300.017 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(154, 150, 167)` looks like.

```
.text, #text, p{  
    color:rgb(154, 150, 167)  
}
```

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(154, 150, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 150, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 9.665, 300.017 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(154, 150, 167) }
```

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

```
.border{ border-color:rgb(154, 150, 167) }
```

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

Here you see how a box with a 4 pixel rgb(154, 150, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 150, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 150, 167);  
box-shadow:4px 4px 4px 4px rgb(154, 150,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 9.665, 300.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 150, 167) }
```

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

```
.background{ background-color: rgb(154,  
150, 167) }
```

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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