

Converting Colors

CIELCh(63, 15.288, 303.921)

Have a look what the booklet for
CIELCh(63, 15.288, 303.921)
contains.

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Color

CIELCh(63, 15.543, 303.932)

Conversions

Conversions Part 1

Format	Color
Hex	9D94AF
RGB	157, 148, 175
RGB Percent	62%, 58%, 69%
CMY	0.3831, 0.4184, 0.3124
CMYK	0.10, 0.15, 0.00, 0.31
HSL	260°, 14%, 63%
HSV	260°, 15%, 69%
XYZ	32.3763, 31.5869, 45.1158
YIQ	153.7690, -3.3030, 10.3050

Conversions

Conversions Part 2

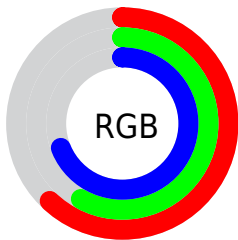
Format	Color
RYB	157, 148, 175
Decimal	10327215
CIELab	63.00, 8.68, -12.90
CIELCh	63, 15.543, 303.932
Yxy	31.5869, 0.2968, 0.2896
Android (android.graphics.Color)	4288517295 (0xFF9D94AF)
YUV	153.7690, 10.4669, 2.8336
Hunter-Lab	56.2022, 4.4741, -8.2529

Details

The CIELCh color $63, 15.543, 303.932$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $70, 15.113, 122.223$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 15.805, 304.180$, and $43, 16.125, 304.711$ is the 20% darker color. If you saturate the color by 10%, you get $57, 26.061, 304.601$, and if you desaturate by 10%, it is $69, 5.365, 303.329$.

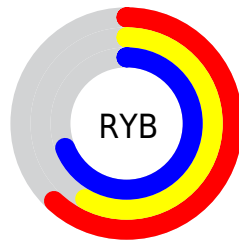
Distribution



Red (62%)

Green (58%)

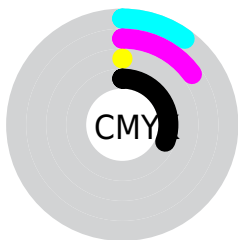
Blue (69%)



Red (62%)

Yellow (58%)

Blue (69%)

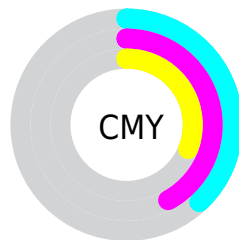


Cyan (10%)

Magenta (15%)

Yellow (0%)

Black (31%)



Cyan (38%)


Magenta (42%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 15.543, 303.932 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, 15.543, 303.932 by changing the saturation by 10% instead.


 63, 15.543,
303.932


 63, 15.543,
303.932


 100, 15.543,
303.932


 53, 15.543,
303.932


 83, 15.543,
303.932

 43, 15.543,
303.932

 93, 15.543,
303.932

 33, 15.543,
303.932

 23, 15.543,
303.932

 13, 15.543,
303.932

 3, 15.543, 303.932

 0, 15.543, 303.932

63, 15.543,
303.932

63, 15.543,
303.932

57, 26.061,
304.601

69, 5.365, 303.329

52, 36.901,
305.342

74, 4.467, 122.829

46, 47.988,
306.143

80, 13.964,
122.364

41, 59.170,
306.973

85, 23.141,
121.966

36, 70.140,
307.776

91, 32.017,
121.623

32, 80.358,
308.455

96, 40.607,
121.327


28, 88.993,
308.867


97, 40.451,
115.792

25, 95.088,

98, 39.976,
109.445

308.856

 98, 39.937,
107.130

 24, 97.427,
308.822

Harmonies

Complementary

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



63, 15.543, 303.932



70, 15.113, 122.223

Rectangle

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



63, 15.543, 303.932



63, 15.543, 353.932



63, 15.543, 123.932



63, 15.543, 173.932

Sweetspot

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



63, 15.541, 303.930



87, 6.119, 303.311



67, 8.049, 235.021



46, 4.213, 303.350



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



63, 15.541, 303.930



78, 22.510, 304.117



64, 17.211, 319.979



34, 5.603, 303.556



20, 86.916, 308.942



1, 11.572, 300.738

Inverse Universe

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



64, 14.384, 336.736



80, 20.768, 336.958



69, 17.092, 138.575



34, 5.215, 336.275



33, 61.208, 347.005



2, 10.225, 339.898

Previews

White Background



This preview shows how the CIELCh color 63, 15.543, 303.932 looks on a white background.

Color Contrast Check

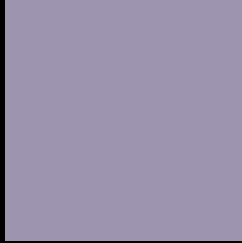
Large Text (above 18pt) WCAG AA × Fail

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, 15.543, 303.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

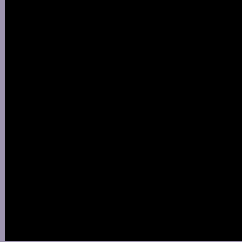
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 15.543, 303.932

Background



This preview shows how black text looks on a background with the CIELCh color 63, 15.543, 303.932.



This preview shows how white text looks on a background with the CIELCh color 63, 15.543, 303.932.

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, 15.543, 303.932

Protanopia

63, 14.572, 287.540

Deuteranopia

63, 14.833, 301.592



Tritanopia
63, 6.362, 304.510

Trichromacy



Original Color
63, 15.543, 303.932

Protanomaly
63, 14.579, 293.159

Deuteranomaly
63, 14.833, 301.592

Tritanomaly
63, 9.813, 304.315

Monochromacy



Original Color
63, 15.543, 303.932

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 5.724, 302.146

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 15.543, 303.932 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(157, 148, 175)` looks like.

```
.text, #text, p{  
    color:rgb(157, 148, 175)  
}
```

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(157, 148, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 148, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 15.543, 303.932 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(157, 148, 175) }
```

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

```
.border{ border-color:rgb(157, 148, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 148, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 148, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 148, 175);  
box-shadow:4px 4px 4px 4px rgb(157, 148,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 15.543, 303.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 148, 175) }
```

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

```
.background{ background-color: rgb(157,  
148, 175) }
```

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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