

Converting Colors

CIELCh(63, 9.941, 324.428)

Have a look what the booklet for
CIELCh(63, 9.941, 324.428) contains.

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Color

CIELCh(63, 10.185, 324.914)

Conversions

Conversions Part 1

Format	Color
Hex	A394A3
RGB	163, 148, 163
RGB Percent	64%, 58%, 64%
CMY	0.3610, 0.4198, 0.3610
CMYK	0.00, 0.09, 0.00, 0.36
HSL	300°, 8%, 61%
HSV	300°, 9%, 64%
XYZ	32.2812, 31.5869, 39.0209
YIQ	154.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

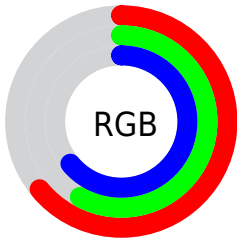
Format	Color
R_YB	163, 148, 163
Decimal	10720419
CIE Lab	63.00, 8.33, -5.85
CIE LCh	63, 10.185, 324.914
Yxy	31.5869, 0.3137, 0.3070
Android (android.graphics.Color)	4288910499 (0xFFA394FA)
YUV	154.1950, 4.3409, 7.7220
Hunter-Lab	56.2022, 4.1723, -1.8231

Details

The CIELCh color $63, 10.185, 324.914$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 10.167, 143.934$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 10.282, 324.817$, and $43, 10.207, 325.079$ is the 20% darker color. If you saturate the color by 10%, you get $59, 21.333, 325.462$, and if you desaturate by 10%, it is $67, 0.867, 144.656$.

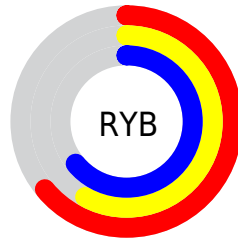
Distribution



Red (64%)

Green (58%)

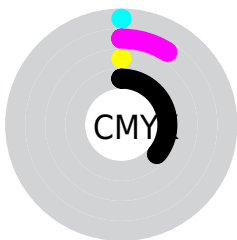
Blue (64%)



Red (64%)

Yellow (58%)

Blue (64%)

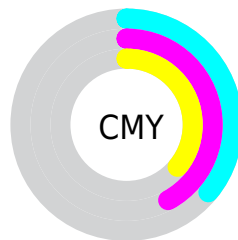


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (36%)



Cyan (36%)


Magenta (42%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 10.185, 324.914 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, 10.185, 324.914 by changing the saturation by 10% instead.


 63, 10.185,
324.914


 63, 10.185,
324.914


 100, 10.185,
324.914


 53, 10.185,
324.914


 83, 10.185,
324.914

 43, 10.185,
324.914

 93, 10.185,
324.914

 33, 10.185,
324.914

 23, 10.185,
324.914

 13, 10.185,
324.914

 3, 10.185, 324.914

 0, 10.185, 324.914

63, 10.185,
324.914

63, 10.185,
324.914

59, 21.333,
325.462

67, 0.867, 144.656

55, 32.417,
325.993

72, 11.710,
143.894

51, 43.200,
326.498

76, 22.280,
143.376

48, 53.370,
326.964

81, 32.543,
142.886

45, 62.542,
327.373

85, 42.485,
142.423

42, 70.301,
327.711

90, 52.105,
141.986


41, 76.276,
327.965

93, 57.442,
141.750

39, 80.243,

93, 57.442,
141.750

328.132

 93, 57.442,
141.750

 39, 82.500,
328.225

Harmonies

Complementary

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



63, 10.185, 324.914



65, 10.167, 143.934

Rectangle

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



63, 10.185, 324.914



63, 10.185, 14.914



63, 10.185, 144.914



63, 10.185, 194.914

Sweetspot

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



63, 10.183, 324.914



83, 4.094, 324.540



62, 8.287, 290.454



44, 3.129, 324.596



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 10.183, 324.914



79, 15.075, 325.026



63, 7.255, 343.458



32, 6.267, 324.918



34, 76.022, 328.232



2, 9.704, 324.438

Inverse Universe

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



63, 5.896, 19.897



78, 8.787, 20.053



66, 7.172, 162.069



32, 3.629, 19.902



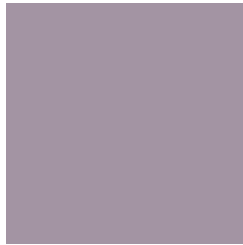
30, 68.063, 39.264



1, 5.464, 19.404

Previews

White Background



This preview shows how the CIELCh color 63, 10.185, 324.914 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, 10.185, 324.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

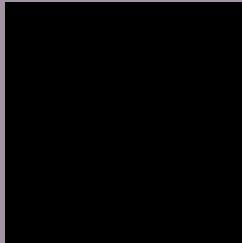
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 10.185, 324.914

Background



This preview shows how black text looks on a background with the CIELCh color 63, 10.185, 324.914.



This preview shows how white text looks on a background with the CIELCh color 63, 10.185, 324.914.

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, 10.185, 324.914

Protanopia

63, 7.274, 290.971

Deuteranopia

63, 10.185, 324.914



Tritanopia
63, 8.864, 331.059

Trichromacy



Original Color
63, 10.185, 324.914

Protanomaly
63, 7.540, 305.330

Deuteranomaly
63, 10.185, 324.914

Tritanomaly
63, 9.292, 328.812

Monochromacy



Original Color
63, 10.185, 324.914

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 3.408, 324.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 10.185, 324.914 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, 148, 163)` looks like.

```
.text, #text, p{  
    color:rgb(163, 148, 163)  
}
```

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, 148, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 148, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 10.185, 324.914 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, 148, 163) }
```

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

```
.border{ border-color:rgb(163, 148, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 148, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 148, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 148, 163);  
box-shadow:4px 4px 4px 4px rgb(163, 148,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 10.185, 324.914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 148, 163) }
```

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

```
.background{ background-color: rgb(163,  
148, 163) }
```

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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