

Converting Colors

CIELCh(63, 10.621, 325.837)

Have a look what the booklet for
CIELCh(63, 10.621, 325.837)
contains.

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Color

CIELCh(63, 10.403, 326.682)

Conversions

Conversions Part 1

Format	Color
Hex	A494A3
RGB	164, 148, 163
RGB Percent	64%, 58%, 64%
CMY	0.3580, 0.4207, 0.3619
CMYK	0.00, 0.10, 0.01, 0.36
HSL	304°, 8%, 61%
HSV	304°, 10%, 64%
XYZ	32.3810, 31.5869, 38.9055
YIQ	154.4940, 4.7210, 8.0570

Conversions

Conversions Part 2

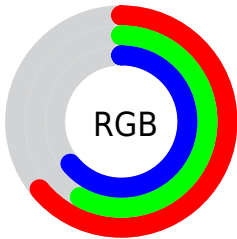
Format	Color
RYB	164, 148, 163
Decimal	10785955
CIELab	63.00, 8.69, -5.71
CIElCh	63, 10.403, 326.682
Yxy	31.5869, 0.3148, 0.3070
Android (android.graphics.Color)	4288976035 (0xFFA494A3)
YUV	154.4940, 4.1935, 8.3368
Hunter-Lab	56.2022, 4.4890, -1.7014

Details

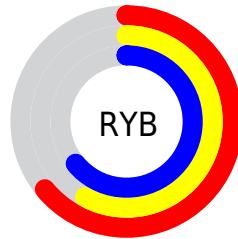
The CIELCh color $63, 10.403, 326.682$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 10.383, 145.610$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 10.489, 326.469$, and $43, 10.438, 326.986$ is the 20% darker color. If you saturate the color by 10%, you get $59, 21.133, 327.252$, and if you desaturate by 10%, it is $67, 0.237, 147.144$.

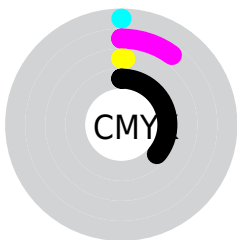
Distribution



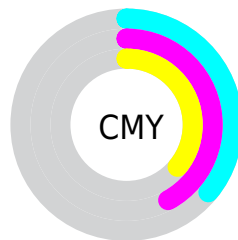
- Red (64%)
- Green (58%)
- Blue (64%)



- Red (64%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (36%)





- Cyan (36%)
- Magenta (42%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 10.403, 326.682 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, 10.403, 326.682 by changing the saturation by 10% instead.


 63, 10.403,
326.682


 63, 10.403,
326.682


 100, 10.403,
326.682


 53, 10.403,
326.682


 83, 10.403,
326.682

 43, 10.403,
326.682

 93, 10.403,
326.682

 33, 10.403,
326.682

 23, 10.403,
326.682

 13, 10.403,
326.682

 3, 10.403, 326.682

 0, 10.403, 326.682

63, 10.403,
326.682

63, 10.403,
326.682

59, 21.133,
327.252

67, 0.237, 147.144

55, 31.797,
327.812

72, 10.678,
145.637

51, 42.163,
328.358

76, 20.860,
145.107

48, 51.919,
328.880

81, 30.750,
144.606

45, 60.681,
329.366

86, 40.336,
144.132

42, 68.029,
329.807

90, 49.619,
143.684


40, 73.584,
330.198


93, 54.437,
143.588

39, 77.112,

93, 54.016,
143.903

330.542

 93, 53.597,
144.224

 38, 78.979,
330.853

Harmonies

Complementary

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



63, 10.403, 326.682



66, 10.383, 145.610

Rectangle

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



63, 10.403, 326.682



63, 10.403, 16.682



63, 10.403, 146.682



63, 10.403, 196.682

Sweetspot

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



63, 10.401, 326.682



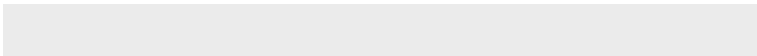
83, 3.923, 326.261



62, 9.001, 293.054



44, 2.999, 326.319



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, 10.401, 326.682



78, 15.769, 326.823



63, 7.403, 347.226



32, 6.006, 326.653



34, 72.452, 330.832



2, 9.173, 326.729

Inverse Universe

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



63, 10.401, 326.682



78, 15.769, 326.823



66, 7.286, 165.654



32, 6.006, 326.653



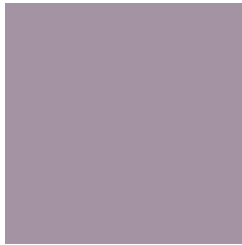
34, 72.452, 330.832



2, 9.173, 326.729

Previews

White Background



This preview shows how the CIELCh color 63, 10.403, 326.682 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, 10.403, 326.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

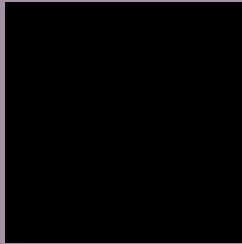
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 10.403, 326.682

Background



This preview shows how black text looks on a background with the CIELCh color 63, 10.403, 326.682.



This preview shows how white text looks on a background with the CIELCh color 63, 10.403, 326.682.

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, 10.403, 326.682

Protanopia

63, 7.274, 290.971

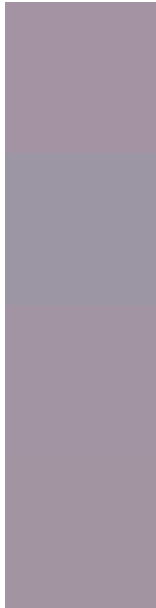
Deuteranopia

63, 10.185, 324.914



Tritanopia
63, 8.864, 331.059

Trichromacy



Original Color
63, 10.403, 326.682

Protanomaly
63, 8.190, 306.930

Deuteranomaly
63, 10.185, 324.914

Tritanomaly
63, 9.292, 328.812

Monochromacy



Original Color
63, 10.403, 326.682

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 3.640, 329.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 10.403, 326.682 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(164, 148, 163)` looks like.

```
.text, #text, p{  
    color:rgb(164, 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(164, 148, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 148, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 10.403, 326.682 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(164, 148, 163) }
```

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

```
.border{ border-color:rgb(164, 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(164, 148, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 148, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 148, 163);  
box-shadow:4px 4px 4px 4px rgb(164, 148,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 10.403, 326.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 148, 163) }
```

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

```
.background{ background-color: rgb(164,  
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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