

Converting Colors

CIELCh(63, 9.507, 42.076)

Have a look what the booklet for
CIELCh(63, 9.507, 42.076) contains.

CIELCh(63, 9.695, 43.730)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(63, 9.695, 43.730)

Conversions

Conversions Part 1

Format	Color
Hex	AA948D
RGB	170, 148, 141
RGB Percent	67%, 58%, 55%
CMY	0.3339, 0.4201, 0.4476
CMYK	0.00, 0.13, 0.17, 0.33
HSL	14°, 15%, 61%
HSV	14°, 17%, 67%
XYZ	31.9138, 31.5869, 29.5618
YIQ	153.7800, 15.3590, 2.4870

Conversions

Conversions Part 2

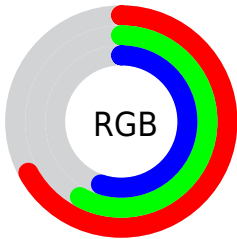
Format	Color
RYB	170, 150, 141
Decimal	11179149
CIELab	63.00, 7.01, 6.70
CIELCh	63, 9.695, 43.730
Yxy	31.5869, 0.3429, 0.3394
Android (android.graphics.Color)	4289369229 (0xFFAA948D)
YUV	153.7800, -6.3005, 14.2249
Hunter-Lab	56.2022, 3.0053, 8.1556

Details

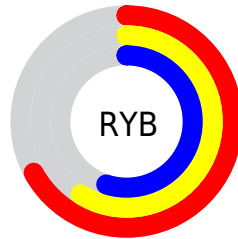
The CIELCh color $63, 9.695, 43.730$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 8.732, 225.361$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 9.776, 42.048$, and $43, 9.935, 41.529$ is the 20% darker color. If you saturate the color by 10%, you get $59, 16.005, 43.531$, and if you desaturate by 10%, it is $67, 3.859, 43.995$.

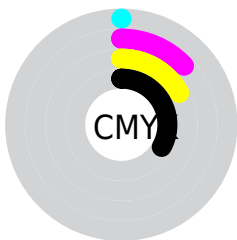
Distribution



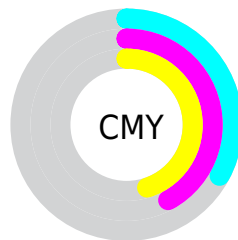
- Red (67%)
- Green (58%)
- Blue (55%)



- Red (67%)
- Yellow (59%)
- Blue (55%)



- Cyan (0%)
- Magenta (13%)
- Yellow (17%)
- Black (33%)



- Cyan (33%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 9.695, 43.730 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, 9.695, 43.730 by changing the saturation by 10% instead.

 63, 9.695, 43.730  63, 9.695, 43.730

 100, 9.695, 43.730  53, 9.695, 43.730

 83, 9.695, 43.730  43, 9.695, 43.730

 93, 9.695, 43.730  33, 9.695, 43.730

 23, 9.695, 43.730

 13, 9.695, 43.730

 3, 9.695, 43.730

 0, 9.695, 43.730

 63, 9.695, 43.730  63, 9.695, 43.730

 59, 16.005, 43.531  67, 3.859, 43.995

56, 22.824, 43.434

71, 1.544, 224.819

52, 30.166, 43.484

75, 6.559, 225.034

49, 38.010, 43.708

79, 11.231,
225.487

46, 46.265, 44.105

83, 15.601,
225.980

43, 54.705, 44.611

41, 62.811, 45.009

86, 19.705,
226.490

39, 69.672, 44.932

90, 22.810,
221.026

38, 71.681, 45.100

94, 25.511,
202.591

95, 26.791,
197.766

Harmonies

Complementary

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



63, 9.695, 43.730



66, 8.732, 225.361

Rectangle

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



63, 9.695, 43.730



63, 9.695, 93.730



63, 9.695, 223.730



63, 9.695, 273.730

Sweetspot

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



63, 9.694, 43.743



86, 3.365, 44.020



62, 16.682, 332.797



46, 2.321, 44.015



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



63, 9.694, 43.743



79, 14.302, 43.663



67, 12.096, 94.054



34, 3.093, 43.946



33, 64.343, 45.311



2, 5.547, 40.385

Inverse Universe

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



66, 8.732, 225.361



83, 12.598, 225.591



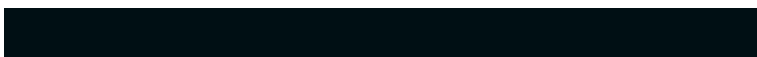
62, 12.201, 278.344



34, 2.930, 224.924



44, 30.082, 243.594



4, 5.384, 232.776

Previews

White Background



This preview shows how the CIELCh color 63, 9.695, 43.730 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 CIE LCh color 63, 9.695, 43.730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

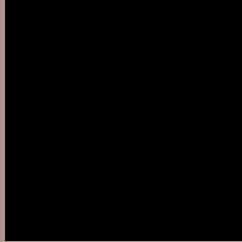
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 9.695, 43.730

Background



This preview shows how black text looks on a background with the CIELCh color 63, 9.695, 43.730.



This preview shows how white text looks on a background with the CIELCh color 63, 9.695, 43.730.

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, 9.695, 43.730

Protanopia

63, 5.534, 84.201

Deuteranopia

63, 10.642, 38.479



Tritanopia
63, 12.437, 348.132

Trichromacy



Original Color
63, 9.695, 43.730

Protanomaly
63, 6.533, 62.610

Deuteranomaly
63, 10.251, 39.170

Tritanomaly
63, 10.217, 4.610

Monochromacy



Original Color
63, 9.695, 43.730

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 3.534, 47.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 9.695, 43.730 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(170, 148, 141)` looks like.

```
.text, #text, p{  
    color:rgb(170, 148, 141)  
}
```

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(170, 148, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 148, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 9.695, 43.730 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(170, 148, 141) }
```

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

```
.border{ border-color:rgb(170, 148, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 148, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 148, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 148, 141);  
box-shadow:4px 4px 4px 4px rgb(170, 148,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 9.695, 43.730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 148, 141) }
```

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

```
.background{ background-color: rgb(170,  
148, 141) }
```

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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