

Converting Colors

CIELCh(63, 4.910, 120.964)

Have a look what the booklet for
CIELCh(63, 4.910, 120.964) contains.

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Color

CIELCh(63, 5.156, 122.753)

Conversions

Conversions Part 1

Format	Color
Hex	979A91
RGB	151, 154, 145
RGB Percent	59%, 60%, 57%
CMY	0.4091, 0.3973, 0.4326
CMYK	0.02, 0.00, 0.06, 0.40
HSL	80°, 4%, 59%
HSV	80°, 6%, 60%
XYZ	29.2906, 31.5869, 31.2115
YIQ	152.0770, 1.1010, -3.4350

Conversions

Conversions Part 2

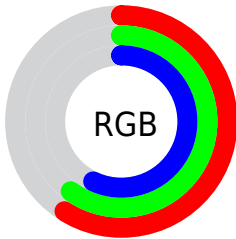
Format	Color
RYB	145, 154, 148
Decimal	9935505
CIELab	63.00, -2.79, 4.34
CIElCh	63, 5.156, 122.753
Yxy	31.5869, 0.3181, 0.3430
Android (android.graphics.Color)	4288125585 (0xFF979A91)
YUV	152.0770, -3.4890, -0.9445
Hunter-Lab	56.2022, -5.3260, 6.4153

Details

The CIELCh color $63, 5.156, 122.753$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 5.223, 303.361$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 4.874, 122.831$, and $43, 4.965, 124.230$ is the 20% darker color. If you saturate the color by 10%, you get $62, 13.971, 122.217$, and if you desaturate by 10%, it is $64, 3.660, 303.254$.

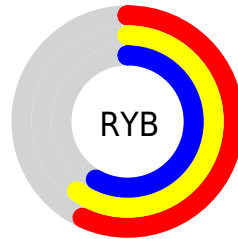
Distribution



Red (59%)

Green (60%)

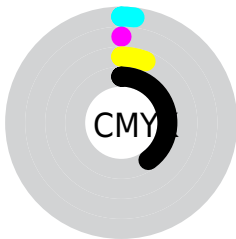
Blue (57%)



Red (57%)

Yellow (60%)

Blue (58%)

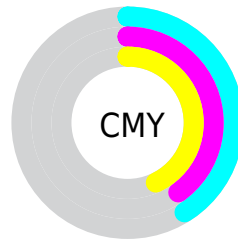


Cyan (2%)

Magenta (0%)

Yellow (6%)

Black (40%)



Cyan (41%)

Magenta (40%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 5.156, 122.753 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, 5.156, 122.753 by changing the saturation by 10% instead.

■ 63, 5.156, 122.753

■ 63, 5.156, 122.753

■ 100, 5.156,
122.753

■ 53, 5.156, 122.753

■ 83, 5.156, 122.753

■ 43, 5.156, 122.753

■ 93, 5.156, 122.753

■ 33, 5.156, 122.753

■ 23, 5.156, 122.753

■ 13, 5.156, 122.753

■ 3, 5.156, 122.753

■ 0, 5.156, 122.753

■ 63, 5.156, 122.753

■ 63, 5.156, 122.753

■ 62, 13.971,

■ 64, 3.660, 303.254

122.217

65, 12.444,
303.752

62, 22.724,
121.667

66, 21.167,
304.210

61, 31.341,
121.125

67, 29.807,
304.633

60, 39.705,
120.621

68, 38.351,
305.024

60, 47.651,
120.198

69, 46.787,
305.383

59, 54.933,
119.922

70, 55.107,
305.711

59, 61.224,
119.883

70, 56.775,
307.088

58, 66.147,
120.190

71, 57.046,
308.704

58, 69.467,
120.918

Harmonies

Complementary

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



63, 5.156, 122.753



61, 5.223, 303.361

Rectangle

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



63, 5.156, 122.753



63, 5.156, 172.753



63, 5.156, 302.753



63, 5.156, 352.753

Sweetspot

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



63, 5.158, 122.761



80, 2.167, 122.980



62, 2.878, 55.106



42, 1.228, 122.988



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



63, 5.158, 122.761



80, 7.610, 122.692



63, 5.833, 139.563



32, 3.969, 122.679



53, 66.046, 121.124



3, 5.390, 123.472

Inverse Universe

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



61, 5.223, 303.361



76, 7.719, 303.434



61, 5.859, 320.026



30, 4.028, 303.448



18, 82.510, 309.007



1, 5.376, 302.847

Previews

White Background



This preview shows how the CIELCh color 63, 5.156, 122.753 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, 5.156, 122.753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

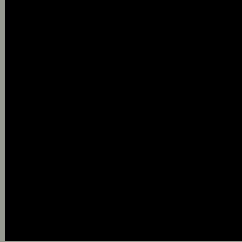
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

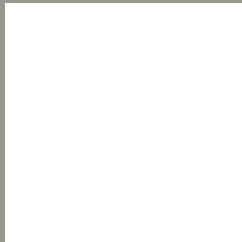
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 5.156, 122.753

Background



This preview shows how black text looks on a background with the CIELCh color 63, 5.156, 122.753.



This preview shows how white text looks on a background with the CIELCh color 63, 5.156, 122.753.

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, 5.156, 122.753

Protanopia

63, 4.860, 85.737

Deuteranopia

63, 8.761, 23.826



Tritanopia
63, 6.774, 297.244

Trichromacy



Original Color
63, 5.156, 122.753

Protanomaly
63, 5.064, 100.680

Deuteranomaly
63, 5.391, 37.828

Tritanomaly
63, 2.243, 290.445

Monochromacy



Original Color
63, 5.156, 122.753

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 2.262, 119.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 5.156, 122.753 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(151, 154, 145)` looks like.

```
.text, #text, p{  
    color:rgb(151, 154, 145)  
}
```

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(151, 154, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 154, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 5.156, 122.753 is called "border". The border property can be set on classes, ids or directly on the HTML element.

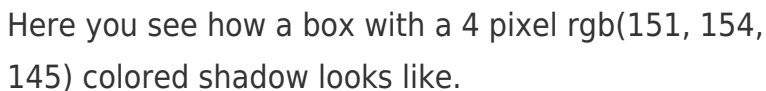
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 154, 145) }
```

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

```
.border{ border-color:rgb(151, 154, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 154, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 154, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 154, 145); box-shadow:4px 4px 4px 4px rgb(151, 154, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 5.156, 122.753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 154, 145) }
```

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

```
.background{ background-color: rgb(151,  
154, 145) }
```

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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