

Converting Colors

CIELCh(63, 4.738, 95.001)

Have a look what the booklet for
CIELCh(63, 4.738, 95.001) contains.

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Color

CIELCh(63, 4.601, 94.811)

Conversions

Conversions Part 1

Format	Color
Hex	9B9890
RGB	155, 152, 144
RGB Percent	61%, 60%, 56%
CMY	0.3909, 0.4026, 0.4340
CMYK	0.00, 0.02, 0.07, 0.39
HSL	44°, 5%, 59%
HSV	44°, 7%, 61%
XYZ	29.9205, 31.5869, 31.0353
YIQ	151.9850, 4.3560, -1.8520

Conversions

Conversions Part 2

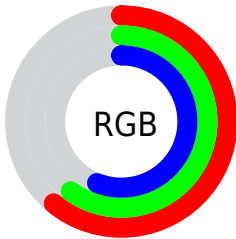
Format	Color
RYB	148, 155, 144
Decimal	10197136
CIELab	63.00, -0.39, 4.58
CIElCh	63, 4.601, 94.811
Yxy	31.5869, 0.3233, 0.3413
Android (android.graphics.Color)	4288387216 (0xFF9B9890)
YUV	151.9850, -3.9366, 2.6442
Hunter-Lab	56.2022, -3.3256, 6.6011

Details

The CIELCh color **63, 4.601, 94.811** is a light color, and the websafe version is hex **999999**. A complement of this color would be **61, 4.628, 276.580**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 4.346, 95.002**, and **43, 4.379, 92.570** is the 20% darker color. If you saturate the color by 10%, you get **61, 11.188, 93.653**, and if you desaturate by 10%, it is **65, 1.891, 276.111**.

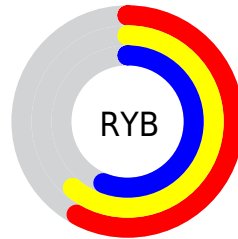
Distribution



Red (61%)

Green (60%)

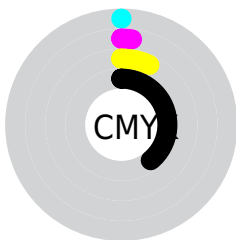
Blue (56%)



Red (58%)

Yellow (61%)

Blue (56%)

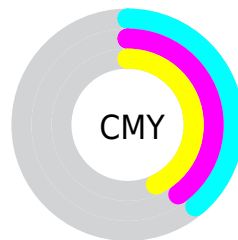


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (39%)



Cyan (39%)

Magenta (40%)


Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 4.601, 94.811 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, 4.601, 94.811 by changing the saturation by 10% instead.

 63, 4.601, 94.811  63, 4.601, 94.811

 100, 4.601, 94.811  53, 4.601, 94.811

 83, 4.601, 94.811  43, 4.601, 94.811

 93, 4.601, 94.811  33, 4.601, 94.811


 23, 4.601, 94.811

 13, 4.601, 94.811

 3, 4.601, 94.811

 0, 4.601, 94.811

 63, 4.601, 94.811  63, 4.601, 94.811

 61, 11.188, 93.653  65, 1.891, 276.111

60, 17.854, 92.421

66, 8.287, 277.154

59, 24.567, 91.152

68, 14.587,
278.207

57, 31.267, 89.849

69, 20.795,
279.217

56, 37.836, 88.511

54, 44.071, 87.125

71, 26.916,
280.178

53, 49.630, 85.660

73, 32.954,
281.090

52, 54.006, 84.046

51, 56.804, 82.206

75, 38.915,
281.954

76, 37.802,
279.497

77, 35.783,
276.276

Harmonies

Complementary

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



63, 4.601, 94.811



61, 4.628, 276.580

Rectangle

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



63, 4.601, 94.811



63, 4.601, 144.811



63, 4.601, 274.811



63, 4.601, 324.811

Sweetspot

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



63, 4.602, 94.830



81, 1.593, 95.329



61, 4.653, 357.689



43, 0.913, 95.335



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



63, 4.602, 94.830



79, 7.240, 94.591



64, 6.193, 118.185



32, 3.634, 94.587



46, 53.475, 81.900



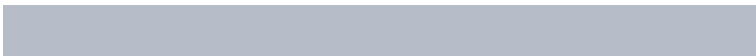
3, 3.864, 94.818

Inverse Universe

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



61, 4.628, 276.580



76, 7.281, 276.842



60, 6.293, 299.102



30, 3.654, 276.847



21, 67.095, 298.915



1, 3.935, 276.011

Previews

White Background



This preview shows how the CIELCh color 63, 4.601, 94.811 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, 4.601, 94.811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

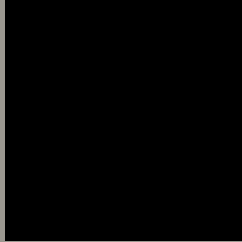
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

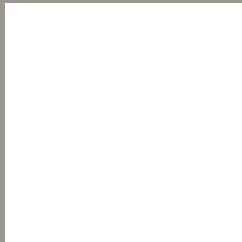
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 4.601, 94.811

Background



This preview shows how black text looks on a background with the CIELCh color 63, 4.601, 94.811.



This preview shows how white text looks on a background with the CIELCh color 63, 4.601, 94.811.

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, 4.601, 94.811

Protanopia

63, 4.860, 85.737

Deuteranopia

63, 9.241, 27.124



Tritanopia
63, 7.403, 314.949

Trichromacy



Original Color
63, 4.601, 94.811

Protanomaly
63, 4.716, 90.154

Deuteranomaly
63, 6.728, 39.198

Tritanomaly
63, 3.644, 329.547

Monochromacy



Original Color
63, 4.601, 94.811

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 1.708, 96.846

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 63, 4.601, 94.811 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(155, 152, 144)` looks like.

```
.text, #text, p{  
    color:rgb(155, 152, 144)  
}
```

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(155, 152, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 152, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 4.601, 94.811 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(155, 152, 144) }
```

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

```
.border{ border-color:rgb(155, 152, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 152, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 152, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 152, 144);  
box-shadow:4px 4px 4px 4px rgb(155, 152,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 4.601, 94.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 152, 144) }
```

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

```
.background{ background-color: rgb(155,  
152, 144) }
```

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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