

Converting Colors

CIELCh(63, 11.636, 97.136)

Have a look what the booklet for
CIELCh(63, 11.636, 97.136) contains.

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Color

CIELCh(63, 11.391, 96.590)

Conversions

Conversions Part 1

Format	Color
Hex	9E9884
RGB	158, 152, 132
RGB Percent	62%, 60%, 52%
CMY	0.3787, 0.4022, 0.4807
CMYK	0.00, 0.04, 0.16, 0.38
HSL	46°, 12%, 57%
HSV	46°, 16%, 62%
XYZ	29.6780, 31.5869, 26.5134
YIQ	151.5140, 9.9960, -4.9480

Conversions

Conversions Part 2

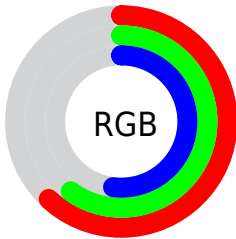
Format	Color
RYB	140, 158, 132
Decimal	10393732
CIELab	63.00, -1.31, 11.32
CIELCh	63, 11.391, 96.590
Yxy	31.5869, 0.3381, 0.3598
Android (android.graphics.Color)	4288583812 (0xFF9E9884)
YUV	151.5140, -9.6204, 5.6882
Hunter-Lab	56.2022, -4.0958, 11.3715

Details

The CIELCh color **63, 11.391, 96.590** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **58, 11.549, 280.580**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 11.360, 95.658**, and **43, 10.997, 96.943** is the 20% darker color. If you saturate the color by 10%, you get **62, 18.411, 95.407**, and if you desaturate by 10%, it is **64, 4.426, 97.739**.

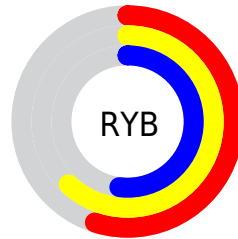
Distribution



Red (62%)

Green (60%)

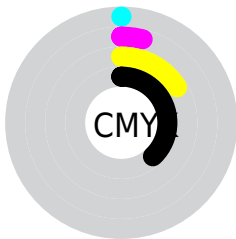
Blue (52%)



Red (55%)

Yellow (62%)

Blue (52%)

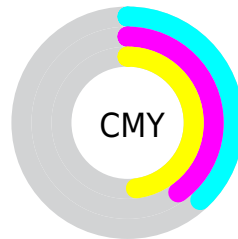


Cyan (0%)

Magenta (4%)

Yellow (16%)

Black (38%)



Cyan (38%)

Magenta (40%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 11.391, 96.590 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, 11.391, 96.590 by changing the saturation by 10% instead.

■ 63, 11.391, 96.590

■ 63, 11.391, 96.590

■ 100, 11.391,
96.590

■ 53, 11.391, 96.590

■ 83, 11.391, 96.590

■ 43, 11.391, 96.590

■ 93, 11.391, 96.590

■ 33, 11.391, 96.590

■ 23, 11.391, 96.590

■ 13, 11.391, 96.590

■ 3, 11.391, 96.590

■ 0, 11.391, 96.590

■ 63, 11.391, 96.590

■ 63, 11.391, 96.590

■ 62, 18.411, 95.407

■ 64, 4.426, 97.739

60, 25.445, 94.184

66, 2.467, 278.953

59, 32.422, 92.934

67, 9.279, 279.986

58, 39.216, 91.660

69, 16.009,
281.010

57, 45.610, 90.358

70, 22.656,
281.990

56, 51.252, 89.008

55, 55.640, 87.567

72, 29.223,
282.922

54, 58.334, 85.970

73, 35.713,
283.807

53, 59.187, 85.400

75, 39.943,
283.824

76, 38.066,
281.394

Harmonies

Complementary

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



63, 11.391, 96.590



58, 11.549, 280.580

Rectangle

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



63, 11.391, 96.590



63, 11.391, 146.590



63, 11.391, 276.590



63, 11.391, 326.590

Sweetspot

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



63, 11.392, 96.598



82, 4.274, 97.881



58, 10.950, 2.312



44, 2.941, 97.810



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 11.392, 96.598



80, 17.255, 96.131



64, 14.672, 119.569



33, 3.900, 97.425



48, 54.896, 85.580



3, 4.910, 96.212

Inverse Universe

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



58, 11.549, 280.580



72, 17.548, 281.160



57, 15.150, 301.603



31, 3.935, 279.622



20, 71.964, 300.755



1, 5.163, 279.251

Previews

White Background



This preview shows how the CIELCh color 63, 11.391, 96.590 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, 11.391, 96.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

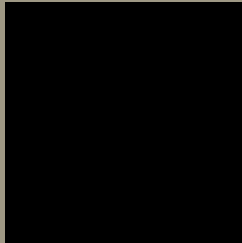
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

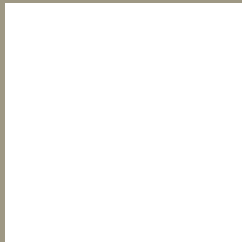
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 11.391, 96.590

Background



This preview shows how black text looks on a background with the CIELCh color 63, 11.391, 96.590.



This preview shows how white text looks on a background with the CIELCh color 63, 11.391, 96.590.

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, 11.391, 96.590

Protanopia

63, 11.593, 92.634

Deuteranopia

63, 13.309, 52.987



Tritanopia
63, 8.621, 329.085

Trichromacy



Original Color
63, 11.391, 96.590

Protanomaly
63, 11.485, 94.597

Deuteranomaly
63, 11.869, 68.238

Tritanomaly
63, 4.295, 19.710

Monochromacy



Original Color
63, 11.391, 96.590

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 3.971, 98.348

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 11.391, 96.590 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(158, 152, 132)` looks like.

```
.text, #text, p{  
    color:rgb(158, 152, 132)  
}
```

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(158, 152, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 152, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 11.391, 96.590 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(158, 152, 132) }
```

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

```
.border{ border-color:rgb(158, 152, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 152, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 152, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 152, 132);  
box-shadow:4px 4px 4px 4px rgb(158, 152,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 11.391, 96.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 152, 132) }
```

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

```
.background{ background-color: rgb(158,  
152, 132) }
```

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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