

Converting Colors

CIELCh(63, 10.268, 129.941)

Have a look what the booklet for
CIELCh(63, 10.268, 129.941)
contains.

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Color

CIELCh(63, 10.793, 130.510)

Conversions

Conversions Part 1

Format	Color
Hex	929C8A
RGB	146, 156, 138
RGB Percent	57%, 61%, 54%
CMY	0.4286, 0.3894, 0.4600
CMYK	0.06, 0.00, 0.12, 0.39
HSL	93°, 8%, 58%
HSV	93°, 12%, 61%
XYZ	28.2059, 31.5869, 28.5437
YIQ	150.9580, -0.1820, -7.7180

Conversions

Conversions Part 2

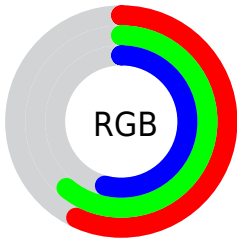
Format	Color
RYB	138, 156, 148
Decimal	9608330
CIELab	63.00, -7.01, 8.21
CIELCh	63, 10.793, 130.510
Yxy	31.5869, 0.3193, 0.3576
Android (android.graphics.Color)	4287798410 (0xFF929C8A)
YUV	150.9580, -6.3883, -4.3482
Hunter-Lab	56.2022, -8.7710, 9.2296

Details

The CIELCh color $63, 10.793, 130.510$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 10.947, 311.465$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 10.697, 129.604$, and $43, 11.048, 131.438$ is the 20% darker color. If you saturate the color by 10%, you get $62, 20.156, 130.054$, and if you desaturate by 10%, it is $64, 1.444, 131.004$.

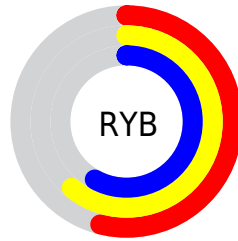
Distribution



Red (57%)

Green (61%)

Blue (54%)



Red (54%)

Yellow (61%)

Blue (58%)

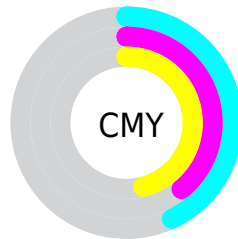


Cyan (6%)

Magenta (0%)

Yellow (12%)

Black (39%)



Cyan (43%)


Magenta (39%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 10.793, 130.510 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, 10.793, 130.510 by changing the saturation by 10% instead.


 63, 10.793,
130.510


 63, 10.793,
130.510


 100, 10.793,
130.510


 53, 10.793,
130.510


 83, 10.793,
130.510

 43, 10.793,
130.510

 93, 10.793,
130.510

 33, 10.793,
130.510

 23, 10.793,
130.510

 13, 10.793,
130.510

 3, 10.793, 130.510

 0, 10.793, 130.510

63, 10.793,
130.510

63, 10.793,
130.510

62, 20.156,
130.054

64, 1.444, 131.004

61, 29.452,
129.578

65, 7.840, 311.299

60, 38.573,
129.105

66, 17.018,
311.657

60, 47.366,
128.670

68, 26.064,
311.972

59, 55.609,
128.331

69, 34.958,
312.252

58, 63.002,
128.176

70, 43.688,
312.499

58, 69.170,
128.319

72, 52.248,
312.717

57, 73.751,

73, 57.069,
314.124

128.879

■ 74, 57.861,
316.891

■ 57, 76.628,
129.555

Harmonies

Complementary

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



63, 10.793, 130.510



59, 10.947, 311.465

Rectangle

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



63, 10.793, 130.510



63, 10.793, 180.510



63, 10.793, 310.510



63, 10.793, 0.510

Sweetspot

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



63, 10.795, 130.513



81, 3.441, 130.904



62, 6.407, 79.168



43, 2.631, 130.864



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, 10.795, 130.513



79, 16.137, 130.391



62, 11.908, 145.140



33, 5.343, 130.616



53, 71.841, 129.435



4, 7.032, 131.765

Inverse Universe

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



59, 10.947, 311.465



73, 16.411, 311.588



59, 11.926, 326.423



31, 5.406, 311.362



22, 79.914, 313.468



1, 6.949, 310.004

Previews

White Background



This preview shows how the CIELCh color 63, 10.793, 130.510 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, 10.793, 130.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

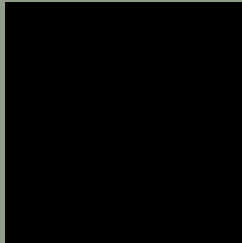
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

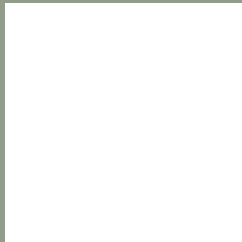
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 10.793, 130.510

Background



This preview shows how black text looks on a background with the CIELCh color 63, 10.793, 130.510.



This preview shows how white text looks on a background with the CIELCh color 63, 10.793, 130.510.

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, 10.793, 130.510

Protanopia
63, 9.337, 91.609

Deuteranopia
63, 11.098, 43.794



Tritanopia
63, 6.744, 284.597

Trichromacy



Original Color
63, 10.793, 130.510

Protanomaly
63, 8.912, 106.622

Deuteranomaly
63, 7.796, 71.327

Tritanomaly
63, 1.973, 215.949

Monochromacy



Original Color
63, 10.793, 130.510

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 4.216, 131.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 10.793, 130.510 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(146, 156, 138)` looks like.

```
.text, #text, p{  
    color:rgb(146, 156, 138)  
}
```

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(146, 156, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 156, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 10.793, 130.510 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(146, 156, 138) }
```

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

```
.border{ border-color:rgb(146, 156, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 156, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 156, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 156, 138); box-shadow:4px 4px 4px 4px rgb(146, 156, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 10.793, 130.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 156, 138) }
```

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

```
.background{ background-color: rgb(146,  
156, 138) }
```

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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