

Converting Colors

CIELCh(61, 11.862, 127.907)

Have a look what the booklet for
CIELCh(61, 11.862, 127.907)
contains.

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Color

CIELCh(61, 11.906, 128.499)

Conversions

Conversions Part 1

Format	Color
Hex	8D9783
RGB	141, 151, 131
RGB Percent	55%, 59%, 51%
CMY	0.4487, 0.4095, 0.4879
CMYK	0.07, 0.00, 0.13, 0.41
HSL	90°, 9%, 55%
HSV	90°, 13%, 59%
XYZ	25.9784, 29.2481, 25.6003
YIQ	145.7300, 0.4600, -8.3400

Conversions

Conversions Part 2

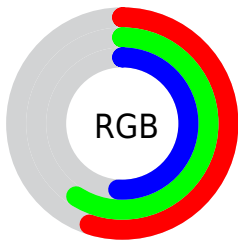
Format	Color
RYB	131, 151, 141
Decimal	9279363
CIELab	61.00, -7.41, 9.32
CIELCh	61, 11.906, 128.499
Yxy	29.2481, 0.3214, 0.3619
Android (android.graphics.Color)	4287469443 (0xFF8D9783)
YUV	145.7300, -7.2619, -4.1482
Hunter-Lab	54.0815, -8.8991, 9.7912

Details

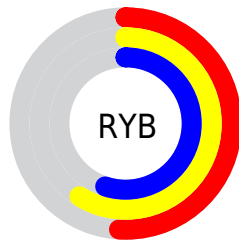
The CIELCh color $61, 11.906, 128.499$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 12.122, 309.653$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 11.743, 127.780$, and $41, 11.541, 128.314$ is the 20% darker color. If you saturate the color by 10%, you get $60, 20.876, 128.034$, and if you desaturate by 10%, it is $62, 2.928, 128.967$.

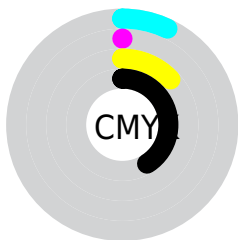
Distribution



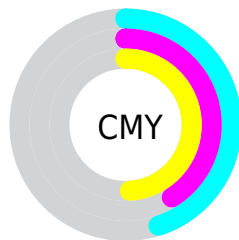
- Red (55%)
- Green (59%)
- Blue (51%)



- Red (51%)
- Yellow (59%)
- Blue (55%)



- Cyan (7%)
- Magenta (0%)
- Yellow (13%)
- Black (41%)





- Cyan (45%)
- Magenta (41%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 11.906, 128.499 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 61, 11.906, 128.499 by changing the saturation by 10% instead.

 61, 11.906,
128.499


 61, 11.906,
128.499


 100, 11.906,
128.499

 51, 11.906,
128.499

 81, 11.906,
128.499

 41, 11.906,
128.499

 91, 11.906,
128.499

 31, 11.906,
128.499

 21, 11.906,
128.499

 11, 11.906,
128.499

 1, 11.906, 128.499

 0, 11.906, 128.499

■ 61, 11.906,
128.499

■ 61, 11.906,
128.499

■ 60, 20.876,
128.034

■ 62, 2.928, 128.967

■ 59, 29.759,
127.558

■ 63, 6.009, 309.327

■ 59, 38.448,
127.096

■ 64, 14.865,
309.712

■ 58, 46.789,
126.689

■ 65, 23.612,
310.054

■ 57, 54.562,
126.398

■ 66, 32.231,
310.361

■ 57, 61.466,
126.315

■ 68, 40.709,
310.636

■ 56, 67.136,
126.555

■ 69, 49.038,
310.881

■ 56, 71.241,

■ 70, 57.213,
311.098

127.230

■ 71, 59.723,
312.845

■ 56, 73.452,
127.784

Harmonies

Complementary

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



61, 11.906, 128.499



56, 12.122, 309.653

Rectangle

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



61, 11.906, 128.499



61, 11.906, 178.499



61, 11.906, 308.499



61, 11.906, 358.499

Sweetspot

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



61, 11.908, 128.502



79, 4.440, 128.926



59, 6.939, 73.797



42, 3.182, 128.892



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



61, 11.908, 128.502



77, 17.821, 128.361



60, 13.786, 143.672



32, 5.131, 128.687



52, 69.673, 127.681



3, 5.562, 129.364

Inverse Universe

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



56, 12.122, 309.653



70, 18.212, 309.799



57, 13.802, 325.136



30, 5.199, 309.463



21, 79.786, 312.152



1, 5.543, 308.776

Previews

White Background



This preview shows how the CIELCh color 61, 11.906, 128.499 looks on a white background.

Color Contrast Check

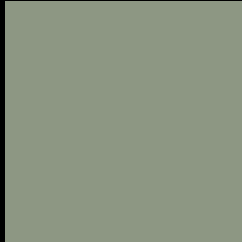
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 11.906, 128.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

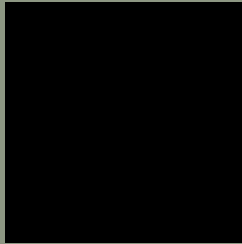
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

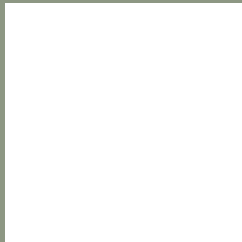
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 11.906, 128.499

Background



This preview shows how black text looks on a background with the CIELCh color 61, 11.906, 128.499.



This preview shows how white text looks on a background with the CIELCh color 61, 11.906, 128.499.

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


61, 11.906, 128.499

Protanopia

61, 10.472, 93.214

Deuteranopia

61, 11.734, 48.613



Tritanopia
61, 6.226, 283.977

Trichromacy



Original Color
61, 11.906, 128.499

Protanomaly
61, 10.083, 106.737

Deuteranomaly
61, 9.254, 77.394

Tritanomaly
61, 1.916, 199.453

Monochromacy



Original Color
61, 11.906, 128.499

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 4.248, 131.358

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 11.906, 128.499 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(141, 151, 131)` looks like.

```
.text, #text, p{  
    color:rgb(141, 151, 131)  
}
```

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(141, 151, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 151, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 11.906, 128.499 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(141, 151, 131) }
```

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

```
.border{ border-color:rgb(141, 151, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 151, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 151, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 151, 131);  
box-shadow:4px 4px 4px 4px rgb(141, 151,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 11.906, 128.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 151, 131) }
```

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

```
.background{ background-color: rgb(141,  
151, 131) }
```

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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