

Converting Colors

CIELCh(61, 11.445, 109.347)

Have a look what the booklet for
CIELCh(61, 11.445, 109.347)
contains.

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Color

CIELCh(61, 11.750, 110.830)

Conversions

Conversions Part 1

Format	Color
Hex	949580
RGB	148, 149, 128
RGB Percent	58%, 58%, 50%
CMY	0.4205, 0.4166, 0.4989
CMYK	0.01, 0.00, 0.14, 0.42
HSL	63°, 9%, 54%
HSV	63°, 14%, 58%
XYZ	26.7627, 29.2481, 24.5789
YIQ	146.3070, 6.1450, -6.7430

Conversions

Conversions Part 2

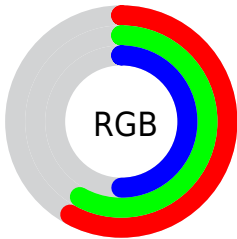
Format	Color
R_{YB}	128, 149, 129
Decimal	9737600
CIE _{Lab}	61.00, -4.18, 10.98
CIE _{LCh}	61, 11.750, 110.830
Yxy	29.2481, 0.3321, 0.3629
Android (android.graphics.Color)	4287927680 (0xFF949580)
YUV	146.3070, -9.0254, 1.4848
Hunter-Lab	54.0815, -6.3104, 10.9111

Details

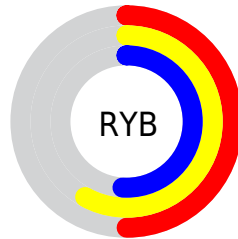
The CIELCh color $61, 11.750, 110.830$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $54, 12.126, 293.409$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 11.631, 111.003$, and $41, 11.446, 110.652$ is the 20% darker color. If you saturate the color by 10%, you get $61, 20.003, 109.963$, and if you desaturate by 10%, it is $61, 3.427, 111.696$.

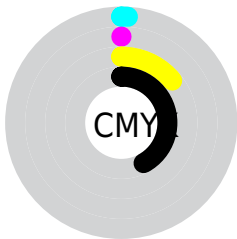
Distribution



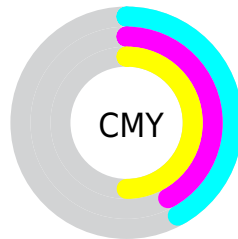
- Red (58%)
- Green (58%)
- Blue (50%)



- Red (50%)
- Yellow (58%)
- Blue (51%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (42%)





- Cyan (42%)
- Magenta (42%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 11.750, 110.830 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, 11.750, 110.830 by changing the saturation by 10% instead.


 61, 11.750,
110.830


 61, 11.750,
110.830


 100, 11.750,
110.830


 51, 11.750,
110.830


 81, 11.750,
110.830

 41, 11.750,
110.830

 91, 11.750,
110.830

 31, 11.750,
110.830

 21, 11.750,
110.830

 11, 11.750,
110.830

 1, 11.750, 110.830

 0, 11.750, 110.830

■ 61, 11.750,
110.830

■ 61, 11.750,
110.830

■ 61, 20.003,
109.963

■ 61, 3.427, 111.696

■ 60, 28.113,
109.098

■ 62, 4.926, 292.565

■ 60, 35.979,
108.263

■ 62, 13.278,
293.383

■ 60, 43.444,
107.485

■ 63, 21.606,
294.174

■ 60, 50.277,
106.802

■ 64, 29.894,
294.929

■ 59, 56.158,
106.257

■ 64, 38.131,
295.645

■ 59, 60.712,
105.901

■ 65, 46.307,
296.322

■ 59, 63.631,

■ 66, 54.415,
296.959

105.775

■ 66, 58.857,
297.380

■ 59, 64.954,
105.753

Harmonies

Complementary

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



61, 11.750, 110.830



54, 12.126, 293.409

Rectangle

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



61, 11.750, 110.830



61, 11.750, 160.830



61, 11.750, 290.830



61, 11.750, 340.830

Sweetspot

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



61, 11.751, 110.836



78, 4.134, 111.699



56, 8.278, 22.989



41, 2.930, 111.640



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



61, 11.751, 110.836



77, 17.544, 110.554



60, 12.636, 129.629



31, 4.685, 111.263



55, 61.395, 105.733



3, 4.117, 112.058

Inverse Universe

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



54, 12.126, 293.409



67, 18.235, 293.761



55, 12.859, 310.825



28, 4.785, 292.907



15, 84.352, 306.488



0, 4.117, 292.059

Previews

White Background



This preview shows how the CIELCh color 61, 11.750, 110.830 looks on a white background.

Color Contrast Check

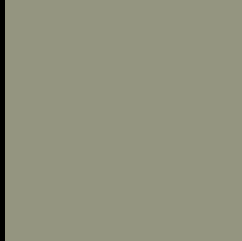
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.750, 110.830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

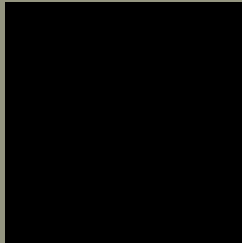
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

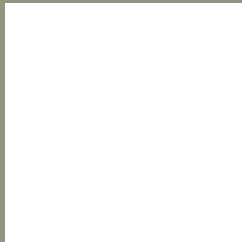
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 11.750, 110.830

Background



This preview shows how black text looks on a background with the CIELCh color 61, 11.750, 110.830.



This preview shows how white text looks on a background with the CIELCh color 61, 11.750, 110.830.

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, 11.750, 110.830

Protanopia

61, 11.556, 94.536

Deuteranopia

61, 13.057, 53.931



Tritanopia
61, 6.779, 313.949

Trichromacy



Original Color
61, 11.750, 110.830

Protanomaly
61, 11.855, 100.921

Deuteranomaly
61, 10.964, 69.632

Tritanomaly
61, 1.557, 19.275

Monochromacy



Original Color
61, 11.750, 110.830

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.487, 109.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 11.750, 110.830 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(148, 149, 128)` looks like.

```
.text, #text, p{  
    color:rgb(148, 149, 128)  
}
```

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(148, 149, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 149, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 11.750, 110.830 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(148, 149, 128) }
```

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

```
.border{ border-color:rgb(148, 149, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 149, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 149, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 149, 128);  
box-shadow:4px 4px 4px 4px rgb(148, 149,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 11.750, 110.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 149, 128) }
```

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

```
.background{ background-color: rgb(148,  
149, 128) }
```

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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