

Converting Colors

CIELCh(61, 21.306, 117.789)

Have a look what the booklet for
CIELCh(61, 21.306, 117.789)
contains.

CIELCh(61, 20.929, 118.134)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 20.929, 118.134)

Conversions

Conversions Part 1

Format	Color
Hex	8E9772
RGB	142, 151, 114
RGB Percent	56%, 59%, 45%
CMY	0.4418, 0.4065, 0.5516
CMYK	0.06, 0.00, 0.24, 0.41
HSL	75°, 15%, 52%
HSV	75°, 24%, 59%
XYZ	25.3927, 29.2481, 20.3253
YIQ	144.0910, 6.5130, -13.4150

Conversions

Conversions Part 2

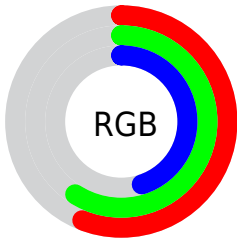
Format	Color
RYB	114, 151, 123
Decimal	9344882
CIELab	61.00, -9.87, 18.46
CIElCh	61, 20.929, 118.134
Yxy	29.2481, 0.3387, 0.3902
Android (android.graphics.Color)	4287534962 (0xFF8E9772)
YUV	144.0910, -14.8349, -1.8338
Hunter-Lab	54.0815, -10.8324, 15.5743

Details

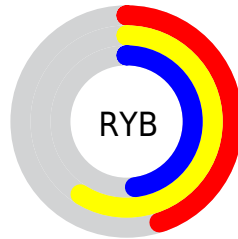
The CIELCh color $61, 20.929, 118.134$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $50, 22.000, 301.392$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 20.849, 117.948$, and $41, 20.683, 118.517$ is the 20% darker color. If you saturate the color by 10%, you get $60, 29.316, 117.516$, and if you desaturate by 10%, it is $62, 12.410, 118.766$.

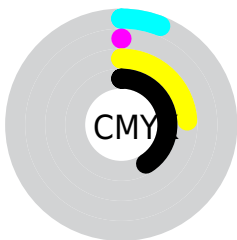
Distribution



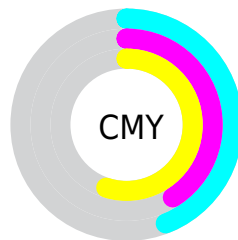
- Red (56%)
- Green (59%)
- Blue (45%)



- Red (45%)
- Yellow (59%)
- Blue (48%)



- Cyan (6%)
- Magenta (0%)
- Yellow (24%)
- Black (41%)





- Cyan (44%)
- Magenta (41%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 20.929, 118.134 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, 20.929, 118.134 by changing the saturation by 10% instead.


 61, 20.929,
118.134


 61, 20.929,
118.134


 100, 20.929,
118.134


 51, 20.929,
118.134


 81, 20.929,
118.134

 41, 20.929,
118.134

 91, 20.929,
118.134

 31, 20.929,
118.134

 21, 20.929,
118.134

 11, 20.929,
118.134

 1, 20.929, 118.134

 0, 20.929, 118.134

■ 61, 20.929,
118.134

■ 61, 20.929,
118.134

■ 60, 29.316,
117.516

■ 62, 12.410,
118.766

■ 60, 37.462,
116.929

■ 62, 3.826, 119.389

■ 59, 45.210,
116.415

■ 63, 4.772, 299.976

■ 59, 52.331,
116.030

■ 64, 13.349,
300.548

■ 59, 58.508,
115.852

■ 65, 21.880,
301.087

■ 58, 63.367,
115.974

■ 65, 30.347,
301.592

■ 58, 66.609,
116.481

■ 66, 38.734,
302.062

■ 58, 68.062,

■ 67, 47.033,
302.499

116.828

■ 68, 55.234,
302.903

Harmonies

Complementary

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



61, 20.929, 118.134



50, 22.000, 301.392

Rectangle

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



61, 20.929, 118.134



61, 20.929, 168.134



61, 20.929, 298.134



61, 20.929, 348.134

Sweetspot

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



61, 20.930, 118.137



79, 7.431, 119.222



54, 13.061, 42.700



42, 4.867, 119.190



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, 20.930, 118.137



77, 30.603, 117.817



60, 23.502, 135.647



32, 4.896, 119.092



54, 64.355, 116.744



3, 5.321, 120.135

Inverse Universe

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



50, 22.000, 301.392



61, 32.548, 301.832



52, 23.870, 317.800



30, 4.991, 300.240



17, 83.773, 307.842



0, 5.311, 299.495

Previews

White Background



This preview shows how the CIELCh color 61, 20.929, 118.134 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, 20.929, 118.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

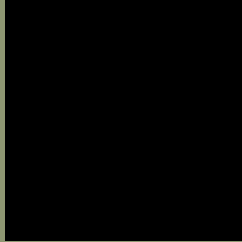
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

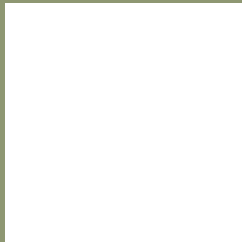
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 20.929, 118.134

Background



This preview shows how black text looks on a background with the CIELCh color 61, 20.929, 118.134.



This preview shows how white text looks on a background with the CIELCh color 61, 20.929, 118.134.

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, 20.929, 118.134

Protanopia

61, 20.002, 95.702

Deuteranopia

61, 19.461, 65.749



Tritanopia
61, 6.257, 297.787

Trichromacy



Original Color
61, 20.929, 118.134

Protanomaly
61, 20.084, 104.300

Deuteranomaly
61, 18.155, 86.330

Tritanomaly
61, 4.008, 121.007

Monochromacy



Original Color
61, 20.929, 118.134

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 8.033, 120.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 20.929, 118.134 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(142, 151, 114)` looks like.

```
.text, #text, p{  
    color:rgb(142, 151, 114)  
}
```

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(142, 151, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 151, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 20.929, 118.134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

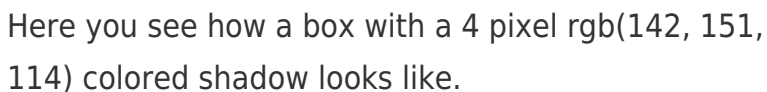
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(142, 151, 114) }
```

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

```
.border{ border-color:rgb(142, 151, 114) }
```

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



Here you see how a box with a 4 pixel `rgb(142, 151, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 151, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 151, 114);  
box-shadow:4px 4px 4px 4px rgb(142, 151,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 20.929, 118.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 151, 114) }
```

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

```
.background{ background-color: rgb(142,  
151, 114) }
```

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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