

Converting Colors

CIELCh(61, 21.991, 130.490)

Have a look what the booklet for
CIELCh(61, 21.991, 130.490)
contains.

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Color

CIELCh(61, 22.330, 130.346)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 859A75 |
| RGB | 133, 154, 117 |
| RGB Percent | 52%, 60%, 46% |
| CMY | 0.4796, 0.3973, 0.5423 |
| CMYK | 0.14, 0.00, 0.24, 0.40 |
| HSL | 94°, 15%, 53% |
| HSV | 94°, 24%, 60% |
| XYZ | 24.3228, 29.2481, 21.1018 |
| YIQ | 143.5030, -0.6390, -15.9590 |

Conversions

Conversions Part 2

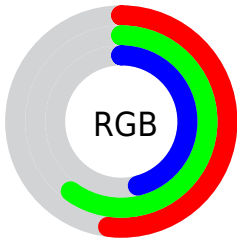
| Format | Color |
|-------------------------------------|--|
| RYB | 117, 154, 138 |
| Decimal | 8755829 |
| CIELab | 61.00, -14.46, 17.02 |
| CIELCh | 61, 22.330, 130.346 |
| Yxy | 29.2481, 0.3257, 0.3917 |
| Android (android.graphics.Color) | 4286945909 (0xFF859A75) |
| YUV | 143.5030, -13.0660, -9.2111 |
| Hunter-Lab | 54.0815, -14.3636, 14.7231 |

Details

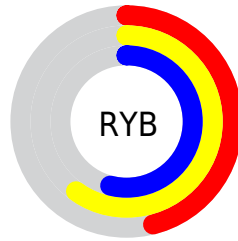
The CIELCh color $61, 22.330, 130.346$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $52, 22.949, 312.441$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 22.242, 130.456$, and $41, 22.149, 130.676$ is the 20% darker color. If you saturate the color by 10%, you get $60, 31.531, 129.869$, and if you desaturate by 10%, it is $62, 13.046, 130.811$.

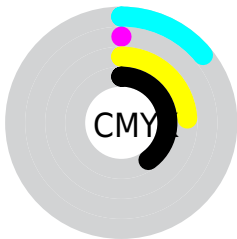
Distribution



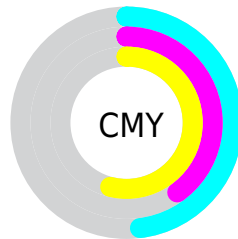
- Red (52%)
- Green (60%)
- Blue (46%)



- Red (46%)
- Yellow (60%)
- Blue (54%)



- Cyan (14%)
- Magenta (0%)
- Yellow (24%)
- Black (40%)





- Cyan (48%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 22.330, 130.346 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, 22.330, 130.346 by changing the saturation by 10% instead.


 61, 22.330,
130.346

 61, 22.330,
130.346


 100, 22.330,
130.346


 51, 22.330,
130.346


 81, 22.330,
130.346

 41, 22.330,
130.346

 91, 22.330,
130.346

 31, 22.330,
130.346

 21, 22.330,
130.346

 11, 22.330,
130.346

 1, 22.330, 130.346

 0, 22.330, 130.346

61, 22.330,
130.346

61, 22.330,
130.346

60, 31.531,
129.869

62, 13.046,
130.811

59, 40.525,
129.399

63, 3.756, 131.263

59, 49.146,
128.975

64, 5.476, 311.605

58, 57.158,
128.665

65, 14.610,
311.974

57, 64.241,
128.560

67, 23.614,
312.296

57, 70.016,
128.782

68, 32.469,
312.580


56, 74.155,
129.437

69, 41.160,
312.831

56, 76.162,

71, 49.681,
313.052

129.880

 72, 58.012,
313.250

Harmonies

Complementary

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



61, 22.330, 130.346



52, 22.949, 312.441

Rectangle

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



61, 22.330, 130.346



61, 22.330, 180.346



61, 22.330, 310.346



61, 22.330, 0.346

Sweetspot

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



61, 22.332, 130.348



79, 7.993, 131.121



58, 13.676, 79.232



42, 5.181, 131.098



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, 22.332, 130.348



77, 33.169, 130.086



60, 24.350, 144.701



32, 5.215, 131.028



52, 71.142, 129.753



3, 5.648, 131.642

Inverse Universe

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



52, 22.949, 312.441



64, 34.310, 312.700



54, 24.374, 327.612



30, 5.275, 311.765



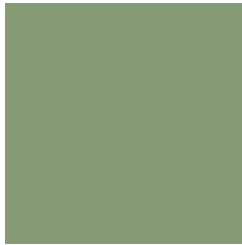
22, 78.664, 313.794



1, 5.626, 311.071

Previews

White Background



This preview shows how the CIELCh color 61, 22.330, 130.346 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 CIE LCh color 61, 22.330, 130.346 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, 22.330, 130.346

Background



This preview shows how black text looks on a background with the CIELCh color 61, 22.330, 130.346.

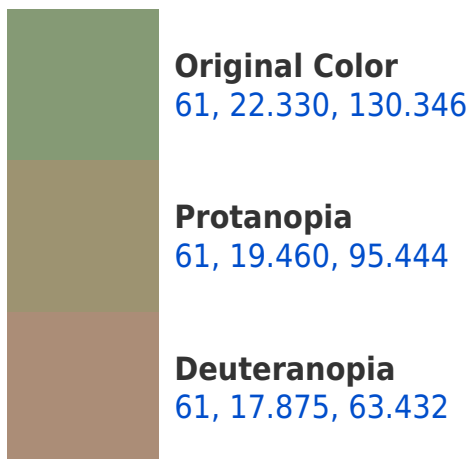


This preview shows how white text looks on a background with the CIELCh color 61, 22.330, 130.346.

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





Tritanopia
61, 7.456, 264.540

Trichromacy



Original Color
61, 22.330, 130.346

Protanomaly
61, 19.506, 109.193

Deuteranomaly
61, 16.348, 91.998

Tritanomaly
61, 6.068, 165.109

Monochromacy



Original Color
61, 22.330, 130.346

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 8.515, 131.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 22.330, 130.346 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(133, 154, 117)` looks like.

```
.text, #text, p{  
    color:rgb(133, 154, 117)  
}
```

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(133, 154, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 154, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 22.330, 130.346 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(133, 154, 117) }
```

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

```
.border{ border-color:rgb(133, 154, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 154, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 154, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 154, 117);  
box-shadow:4px 4px 4px 4px rgb(133, 154,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 22.330, 130.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 154, 117) }
```

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

```
.background{ background-color: rgb(133,  
154, 117) }
```

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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