

Converting Colors

CIELCh(61, 15.698, 134.362)

Have a look what the booklet for
CIELCh(61, 15.698, 134.362)
contains.

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Color

CIELCh(61, 15.594, 134.397)

Conversions

Conversions Part 1

Format	Color
Hex	87987F
RGB	135, 152, 127
RGB Percent	53%, 60%, 50%
CMY	0.4696, 0.4029, 0.5010
CMYK	0.11, 0.00, 0.16, 0.40
HSL	101°, 11%, 55%
HSV	101°, 16%, 60%
XYZ	25.1472, 29.2481, 24.4821
YIQ	144.0670, -2.1070, -11.3790

Conversions

Conversions Part 2

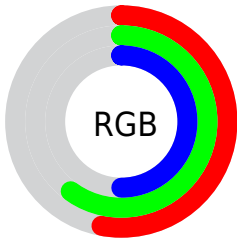
Format	Color
RYB	127, 152, 144
Decimal	8886399
CIELab	61.00, -10.91, 11.14
CIELCh	61, 15.594, 134.397
Yxy	29.2481, 0.3188, 0.3708
Android (android.graphics.Color)	4287076479 (0xFF87987F)
YUV	144.0670, -8.4140, -7.9518
Hunter-Lab	54.0815, -11.6427, 11.0172

Details

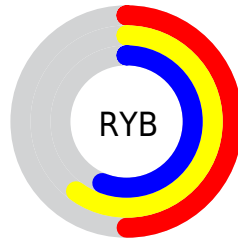
The CIELCh color $61, 15.594, 134.397$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 15.803, 315.765$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 15.368, 134.953$, and $41, 15.524, 134.626$ is the 20% darker color. If you saturate the color by 10%, you get $60, 25.112, 133.906$, and if you desaturate by 10%, it is $62, 6.076, 134.859$.

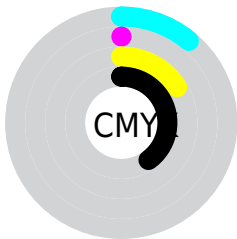
Distribution



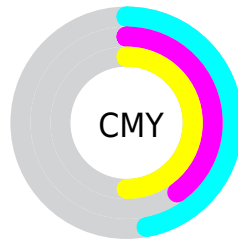
- Red (53%)
- Green (60%)
- Blue (50%)



- Red (50%)
- Yellow (60%)
- Blue (56%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (40%)





- Cyan (47%)
- Magenta (40%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 15.594, 134.397 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, 15.594, 134.397 by changing the saturation by 10% instead.


 61, 15.594,
134.397


 61, 15.594,
134.397


 100, 15.594,
134.397


 51, 15.594,
134.397


 81, 15.594,
134.397

 41, 15.594,
134.397

 91, 15.594,
134.397

 31, 15.594,
134.397

 21, 15.594,
134.397

 11, 15.594,
134.397

 1, 15.594, 134.397

 0, 15.594, 134.397

■ 61, 15.594,
134.397

■ 61, 15.594,
134.397

■ 60, 25.112,
133.906

■ 62, 6.076, 134.859

■ 59, 34.524,
133.385

■ 63, 3.373, 315.193

■ 58, 43.690,
132.855

■ 65, 12.700,
315.578

■ 57, 52.417,
132.358

■ 66, 21.871,
315.892

■ 57, 60.436,
131.963

■ 68, 30.859,
316.165

■ 56, 67.400,
131.770

■ 69, 39.652,
316.400


■ 56, 72.916,
131.900

■ 71, 48.240,
316.603

■ 55, 76.762,

■ 72, 56.623,
316.777

132.410

 74, 60.468,
318.765

 55, 77.968,
132.569

Harmonies

Complementary

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



61, 15.594, 134.397



56, 15.803, 315.765

Rectangle

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



61, 15.594, 134.397



61, 15.594, 184.397



61, 15.594, 314.397



61, 15.594, 4.397

Sweetspot

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



61, 15.596, 134.399



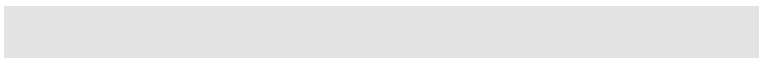
79, 5.873, 134.921



60, 9.970, 89.095



42, 3.998, 134.891



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, 15.596, 134.399



77, 23.626, 134.207



61, 15.338, 148.334



32, 5.374, 134.731



51, 73.345, 132.470



3, 5.810, 135.270

Inverse Universe

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



56, 15.803, 315.765



69, 24.011, 315.936



56, 15.382, 330.354



30, 5.419, 315.455



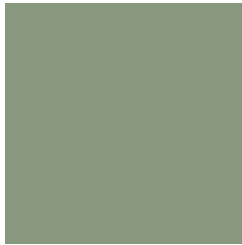
25, 76.935, 316.957



1, 5.785, 314.729

Previews

White Background



This preview shows how the CIELCh color 61, 15.594, 134.397 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, 15.594, 134.397 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, 15.594, 134.397

Background



This preview shows how black text looks on a background with the CIELCh color 61, 15.594, 134.397.



This preview shows how white text looks on a background with the CIELCh color 61, 15.594, 134.397.

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](#).

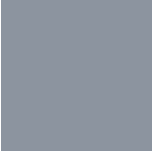
Dichromacy



Original Color
61, 15.594, 134.397

Protanopia
61, 13.289, 94.321

Deuteranopia
61, 12.706, 54.970



Tritanopia
61, 6.804, 265.088

Trichromacy



Original Color
61, 15.594, 134.397

Protanomaly
61, 13.419, 110.406

Deuteranomaly
61, 10.740, 88.968

Tritanomaly
61, 4.905, 178.889

Monochromacy



Original Color
61, 15.594, 134.397

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 5.604, 134.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 15.594, 134.397 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(135, 152, 127)` looks like.

```
.text, #text, p{  
    color:rgb(135, 152, 127)  
}
```

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(135, 152, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 152, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 15.594, 134.397 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(135, 152, 127) }
```

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

```
.border{ border-color:rgb(135, 152, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 152, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 152, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 152, 127);  
box-shadow:4px 4px 4px 4px rgb(135, 152,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 15.594, 134.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 152, 127) }
```

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

```
.background{ background-color: rgb(135,  
152, 127) }
```

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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