

Converting Colors

CIELCh(61, 29.660, 124.839)

Have a look what the booklet for
CIELCh(61, 29.660, 124.839)
contains.

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Color

CIELCh(61, 30.143, 124.714)

Conversions

Conversions Part 1

Format	Color
Hex	859B67
RGB	133, 155, 103
RGB Percent	52%, 61%, 40%
CMY	0.4799, 0.3936, 0.5974
CMYK	0.14, 0.00, 0.34, 0.39
HSL	85°, 21%, 50%
HSV	85°, 34%, 61%
XYZ	23.7053, 29.2481, 17.1361
YIQ	142.4940, 3.5800, -20.8360

Conversions

Conversions Part 2

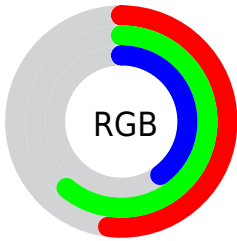
Format	Color
RYB	103, 155, 125
Decimal	8756071
CIELab	61.00, -17.17, 24.78
CIELCh	61, 30.143, 124.714
Yxy	29.2481, 0.3382, 0.4173
Android (android.graphics.Color)	4286946151 (0xFF859B67)
YUV	142.4940, -19.4705, -8.3262
Hunter-Lab	54.0815, -16.4016, 19.0707

Details

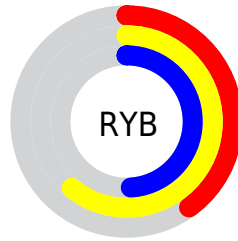
The CIELCh color $61, 30.143, 124.714$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $47, 31.839, 308.153$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 29.602, 124.480$, and $41, 30.279, 124.374$ is the 20% darker color. If you saturate the color by 10%, you get $60, 38.819, 124.243$, and if you desaturate by 10%, it is $62, 21.258, 125.212$.

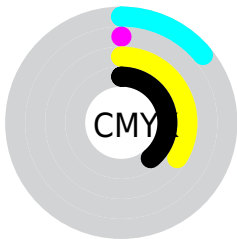
Distribution



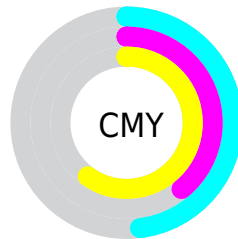
- Red (52%)
- Green (61%)
- Blue (40%)



- Red (40%)
- Yellow (61%)
- Blue (49%)



- Cyan (14%)
- Magenta (0%)
- Yellow (34%)
- Black (39%)





- Cyan (48%)
- Magenta (39%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 30.143, 124.714 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, 30.143, 124.714 by changing the saturation by 10% instead.


 61, 30.143,
124.714


 61, 30.143,
124.714


 100, 30.143,
124.714


 51, 30.143,
124.714


 81, 30.143,
124.714

 41, 30.143,
124.714

 91, 30.143,
124.714

 31, 30.143,
124.714

 21, 30.143,
124.714

 11, 30.143,
124.714

 1, 30.143, 124.714

 0, 30.143, 124.714

■ 61, 30.143,
124.714

■ 61, 30.143,
124.714

■ 60, 38.819,
124.243

■ 62, 21.258,
125.212

■ 60, 47.125,
123.836

■ 63, 12.268,
125.708

■ 59, 54.835,
123.558

■ 64, 3.249, 126.199

■ 59, 61.639,
123.499

■ 64, 5.746, 306.610

■ 65, 14.679,
307.034

■ 58, 67.163,
123.772

■ 67, 23.523,
307.419

■ 58, 71.079,
124.488

■ 68, 32.258,
307.769

■ 58, 73.071,
125.047

■ 69, 40.871,
308.087

■ 70, 49.352,
308.375

Harmonies

Complementary

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



61, 30.143, 124.714



47, 31.839, 308.153

Rectangle

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



61, 30.143, 124.714



61, 30.143, 174.714



61, 30.143, 304.714



61, 30.143, 354.714

Sweetspot

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



61, 30.144, 124.716



80, 11.174, 125.874



54, 18.344, 62.432



42, 7.685, 125.811



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



61, 30.144, 124.716



77, 44.276, 124.373



59, 34.766, 140.107



32, 5.046, 125.922



52, 67.962, 124.907



3, 5.475, 126.689

Inverse Universe

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



47, 31.839, 308.153



57, 47.401, 308.604



50, 34.939, 323.784



30, 5.123, 306.772



19, 81.077, 310.538



1, 5.459, 306.083

Previews

White Background



This preview shows how the CIELCh color 61, 30.143, 124.714 looks on a white background.

Color Contrast Check

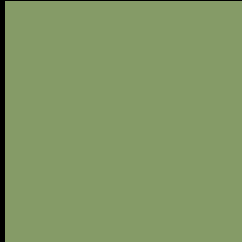
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.143, 124.714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

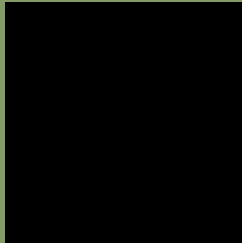
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 30.143, 124.714

Background



This preview shows how black text looks on a background with the CIELCh color 61, 30.143, 124.714.



This preview shows how white text looks on a background with the CIELCh color 61, 30.143, 124.714.

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](#).

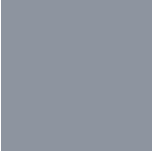
Dichromacy



Original Color
61, 30.143, 124.714

Protanopia
61, 27.191, 96.049

Deuteranopia
61, 24.571, 72.105



Tritanopia
61, 6.661, 267.955

Trichromacy



Original Color
61, 30.143, 124.714

Protanomaly
61, 27.654, 107.931

Deuteranomaly
61, 23.569, 93.801

Tritanomaly
61, 7.793, 146.335

Monochromacy



Original Color
61, 30.143, 124.714

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 11.169, 125.665

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 30.143, 124.714 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, 155, 103)` looks like.

```
.text, #text, p{  
    color:rgb(133, 155, 103)  
}
```

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, 155, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 155, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 30.143, 124.714 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, 155, 103) }
```

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

```
.border{ border-color:rgb(133, 155, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 155, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 155, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 155, 103);  
box-shadow:4px 4px 4px 4px rgb(133, 155,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 30.143, 124.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 155, 103) }
```

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

```
.background{ background-color: rgb(133,  
155, 103) }
```

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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