

Converting Colors

CIELCh(61, 21.636, 144.474)

Have a look what the booklet for
CIELCh(61, 21.636, 144.474)
contains.

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Color

CIELCh(61, 21.545, 143.981)

Conversions

Conversions Part 1

Format	Color
Hex	7B9B7C
RGB	123, 155, 124
RGB Percent	48%, 61%, 49%
CMY	0.5164, 0.3909, 0.5125
CMYK	0.21, 0.00, 0.20, 0.39
HSL	122°, 14%, 55%
HSV	122°, 21%, 61%
XYZ	23.6466, 29.2481, 23.5711
YIQ	141.8980, -9.1210, -16.4250

Conversions

Conversions Part 2

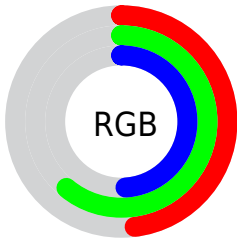
Format	Color
RYB	123, 154, 155
Decimal	8100732
CIELab	61.00, -17.43, 12.67
CIElCh	61, 21.545, 143.981
Yxy	29.2481, 0.3092, 0.3825
Android (android.graphics.Color)	4286290812 (0xFF7B9B7C)
YUV	141.8980, -8.8237, -16.5735
Hunter-Lab	54.0815, -16.5955, 12.0159

Details

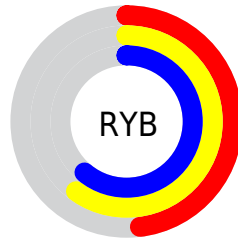
The CIELCh color $61, 21.545, 143.981$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $56, 21.565, 326.392$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 21.639, 144.230$, and $41, 21.675, 143.479$ is the 20% darker color. If you saturate the color by 10%, you get $60, 31.985, 143.174$, and if you desaturate by 10%, it is $62, 11.046, 144.681$.

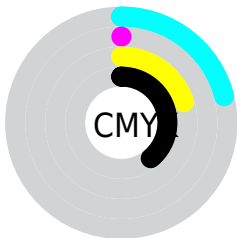
Distribution



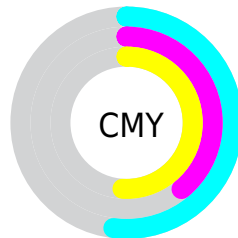
- Red (48%)
- Green (61%)
- Blue (49%)



- Red (48%)
- Yellow (60%)
- Blue (61%)



- Cyan (21%)
- Magenta (0%)
- Yellow (20%)
- Black (39%)





- Cyan (52%)
- Magenta (39%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 21.545, 143.981 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, 21.545, 143.981 by changing the saturation by 10% instead.


 61, 21.545,
143.981


 61, 21.545,
143.981


 100, 21.545,
143.981


 51, 21.545,
143.981


 81, 21.545,
143.981

 41, 21.545,
143.981

 91, 21.545,
143.981

 31, 21.545,
143.981

 21, 21.545,
143.981

 11, 21.545,
143.981

 1, 21.545, 143.981

 0, 21.545, 143.981

61, 21.545,
143.981

61, 21.545,
143.981

60, 31.985,
143.174

62, 11.046,
144.681

59, 42.175,
142.245

64, 0.624, 145.602

58, 51.880,
141.199

66, 9.619, 325.726

57, 60.812,
140.059

68, 19.616,
326.164

56, 68.633,
138.883

70, 29.324,
326.531

56, 74.972,
137.773

72, 38.721,
326.843


56, 79.484,
136.858

74, 47.801,
327.111

56, 82.089,

76, 56.564,
327.342

136.327

 77, 61.915,
326.549

Harmonies

Complementary

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



61, 21.545, 143.981



56, 21.565, 326.392

Rectangle

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



61, 21.545, 143.981



61, 21.545, 193.981



61, 21.545, 323.981



61, 21.545, 13.981

Sweetspot

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



61, 21.546, 143.981



80, 7.694, 144.972



63, 17.724, 108.940



42, 5.147, 144.933



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, 21.546, 143.981



77, 32.315, 143.602



61, 15.054, 162.781



32, 5.806, 144.772



50, 76.114, 136.367



3, 6.253, 145.269

Inverse Universe

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



56, 21.565, 326.392



69, 32.332, 326.657



55, 15.470, 346.347



30, 5.816, 325.759



33, 72.322, 329.481



1, 6.235, 325.392

Previews

White Background



This preview shows how the CIELCh color 61, 21.545, 143.981 looks on a white background.

Color Contrast Check

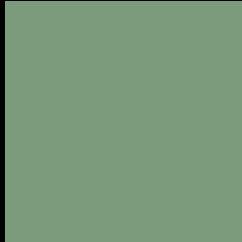
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.545, 143.981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

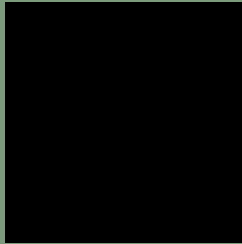
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

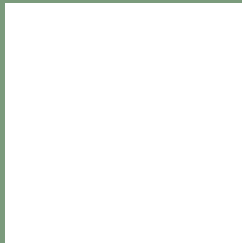
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 21.545, 143.981

Background



This preview shows how black text looks on a background with the CIELCh color 61, 21.545, 143.981.

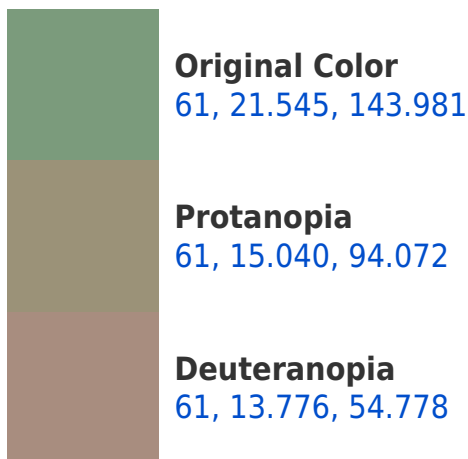


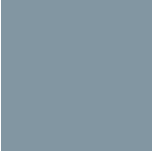
This preview shows how white text looks on a background with the CIELCh color 61, 21.545, 143.981.

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, 9.729, 243.122

Trichromacy



Original Color
61, 21.545, 143.981

Protanomaly
61, 15.301, 117.691

Deuteranomaly
61, 11.476, 96.521

Tritanomaly
61, 9.304, 184.531

Monochromacy



Original Color
61, 21.545, 143.981

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 7.823, 146.325

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 21.545, 143.981 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(123, 155, 124)` looks like.

```
.text, #text, p{  
    color:rgb(123, 155, 124)  
}
```

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(123, 155, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 155, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 21.545, 143.981 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(123, 155, 124) }
```

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

```
.border{ border-color:rgb(123, 155, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 155, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 155, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 155, 124);  
box-shadow:4px 4px 4px 4px rgb(123, 155,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 21.545, 143.981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 155, 124) }
```

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

```
.background{ background-color: rgb(123,  
155, 124) }
```

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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