

Converting Colors

CIELCh(62, 25.304, 142.948)

Have a look what the booklet for
CIELCh(62, 25.304, 142.948)
contains.

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Color

CIELCh(62, 25.336, 142.947)

Conversions

Conversions Part 1

Format	Color
Hex	7A9F7A
RGB	122, 159, 122
RGB Percent	48%, 62%, 48%
CMY	0.5210, 0.3759, 0.5210
CMYK	0.23, 0.00, 0.23, 0.38
HSL	120°, 16%, 55%
HSV	120°, 23%, 62%
XYZ	23.9903, 30.4025, 23.0610
YIQ	143.7190, -10.1750, -19.3510

Conversions

Conversions Part 2

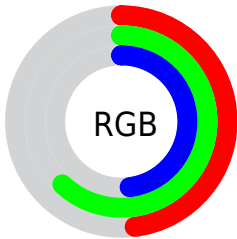
Format	Color
RYB	122, 159, 159
Decimal	8036218
CIELab	62.00, -20.22, 15.27
CIElCh	62, 25.336, 142.947
Yxy	30.4025, 0.3097, 0.3925
Android (android.graphics.Color)	4286226298 (0xFF7A9F7A)
YUV	143.7190, -10.7075, -19.0476
Hunter-Lab	55.1385, -18.8286, 13.7996

Details

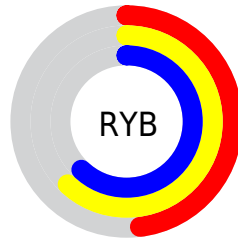
The CIELCh color **62, 25.336, 142.947** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **56, 25.350, 325.677**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 25.251, 143.296**, and **42, 25.218, 143.024** is the 20% darker color. If you saturate the color by 10%, you get **61, 36.157, 142.114**, and if you desaturate by 10%, it is **63, 14.400, 143.669**.

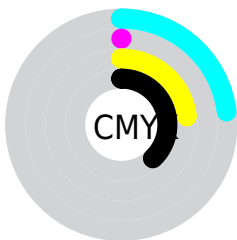
Distribution



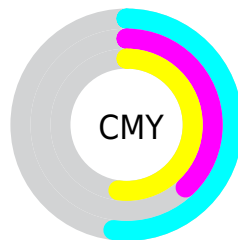
- Red (48%)
- Green (62%)
- Blue (48%)



- Red (48%)
- Yellow (62%)
- Blue (62%)



- Cyan (23%)
- Magenta (0%)
- Yellow (23%)
- Black (38%)





- Cyan (52%)
- Magenta (38%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 25.336, 142.947 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 62, 25.336, 142.947 by changing the saturation by 10% instead.


 62, 25.336,
142.947


 62, 25.336,
142.947


 100, 25.336,
142.947


 52, 25.336,
142.947


 82, 25.336,
142.947

 42, 25.336,
142.947

 92, 25.336,
142.947

 32, 25.336,
142.947

 22, 25.336,
142.947

 12, 25.336,
142.947

 2, 25.336, 142.947

 0, 25.336, 142.947

62, 25.336,
142.947

62, 25.336,
142.947

61, 36.157,
142.114

63, 14.400,
143.669

60, 46.641,
141.164

65, 3.507, 144.325

59, 56.513,
140.110

67, 7.222, 324.750

58, 65.433,
138.997

69, 17.708,
325.206

58, 73.005,
137.910

71, 27.900,
325.582

57, 78.802,
136.975

73, 37.771,
325.900

57, 82.492,
136.330

75, 47.310,
326.170

57, 84.203,

77, 56.517,
326.401

136.016

 78, 59.647,
326.474

Harmonies

Complementary

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



62, 25.336, 142.947



56, 25.350, 325.677

Rectangle

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



62, 25.336, 142.947



62, 25.336, 192.947



62, 25.336, 322.947



62, 25.336, 12.947

Sweetspot

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



62, 25.337, 142.947



82, 9.366, 144.067



65, 20.049, 107.276



43, 6.137, 144.032



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



62, 25.337, 142.947



78, 37.708, 142.522



62, 17.750, 160.765



33, 6.095, 143.932



51, 77.782, 136.016



3, 7.943, 144.443

Inverse Universe

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



56, 25.350, 325.677



69, 37.710, 325.955



55, 18.221, 344.751



31, 6.104, 324.915



34, 75.047, 328.232



1, 7.944, 324.438

Previews

White Background



This preview shows how the CIELCh color 62, 25.336, 142.947 looks on a white background.

Color Contrast Check

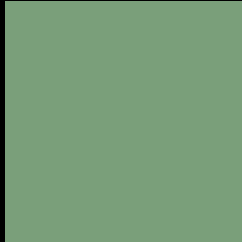
Large Text (above 18pt) WCAG AA × Fail

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 62, 25.336, 142.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

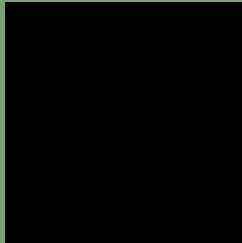
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 25.336, 142.947

Background



This preview shows how black text looks on a background with the CIELCh color 62, 25.336, 142.947.

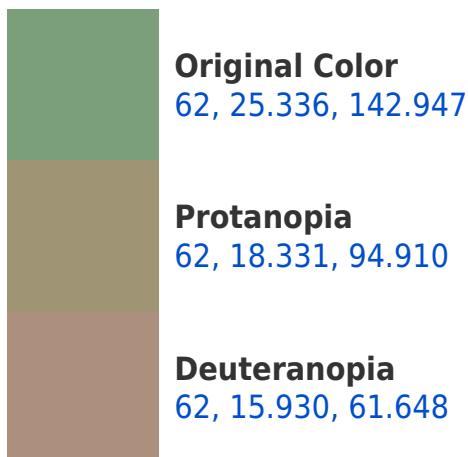


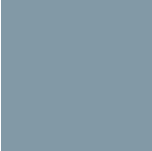
This preview shows how white text looks on a background with the CIELCh color 62, 25.336, 142.947.

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
62, 10.799, 241.582

Trichromacy



Original Color
62, 25.336, 142.947

Protanomaly
62, 19.110, 116.752

Deuteranomaly
62, 14.587, 102.063

Tritanomaly
62, 10.831, 183.373

Monochromacy



Original Color
62, 25.336, 142.947

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 9.638, 143.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 25.336, 142.947 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(122, 159, 122)` looks like.

```
.text, #text, p{  
    color:rgb(122, 159, 122)  
}
```

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(122, 159, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 159, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 25.336, 142.947 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(122, 159, 122) }
```

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

```
.border{ border-color:rgb(122, 159, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 159, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 159, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 159, 122);  
box-shadow:4px 4px 4px 4px rgb(122, 159,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 25.336, 142.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 159, 122) }
```

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

```
.background{ background-color: rgb(122,  
159, 122) }
```

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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