

Converting Colors

CIELCh(62, 15.949, 144.106)

Have a look what the booklet for
CIELCh(62, 15.949, 144.106)
contains.

CIELCh(62, 15.998, 144.647)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 15.998, 144.647)

Conversions

Conversions Part 1

Format	Color
Hex	849C85
RGB	132, 156, 133
RGB Percent	52%, 61%, 52%
CMY	0.4821, 0.3880, 0.4782
CMYK	0.15, 0.00, 0.15, 0.39
HSL	122°, 11%, 56%
HSV	122°, 15%, 61%
XYZ	25.6612, 30.4025, 26.7273
YIQ	146.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

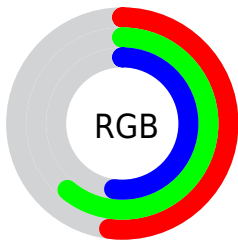
Format	Color
RYB	132, 155, 156
Decimal	8690821
CIELab	62.00, -13.05, 9.26
CIElCh	62, 15.998, 144.647
Yxy	30.4025, 0.3100, 0.3672
Android (android.graphics.Color)	4286880901 (0xFF849C85)
YUV	146.2020, -6.5086, -12.4552
Hunter-Lab	55.1385, -13.4193, 9.8573

Details

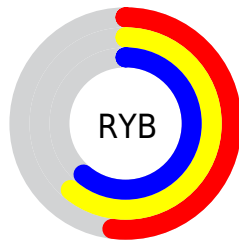
The CIELCh color $62, 15.998, 144.647$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $58, 16.019, 326.400$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 16.400, 144.750$, and $42, 16.473, 144.284$ is the 20% darker color. If you saturate the color by 10%, you get $61, 26.456, 143.896$, and if you desaturate by 10%, it is $64, 5.560, 145.311$.

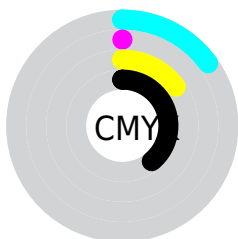
Distribution



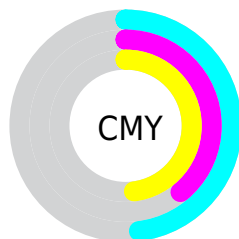
- Red (52%)
- Green (61%)
- Blue (52%)



- Red (52%)
- Yellow (61%)
- Blue (61%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (39%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 15.998, 144.647 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, 15.998, 144.647 by changing the saturation by 10% instead.


 62, 15.998,
144.647


 62, 15.998,
144.647


 100, 15.998,
144.647


 52, 15.998,
144.647


 82, 15.998,
144.647

 42, 15.998,
144.647

 92, 15.998,
144.647

 32, 15.998,
144.647

 22, 15.998,
144.647

 12, 15.998,
144.647

 2, 15.998, 144.647

 0, 15.998, 144.647

■ 62, 15.998,
144.647

■ 62, 15.998,
144.647

■ 61, 26.456,
143.896

■ 64, 5.560, 145.311

■ 59, 36.770,
143.028

■ 65, 4.744, 325.767

■ 58, 46.734,
142.036

■ 67, 14.831,
326.261

■ 58, 56.094,
140.931

■ 69, 24.649,
326.661

■ 57, 64.544,
139.747

■ 71, 34.165,
327.002

■ 56, 71.739,
138.558

■ 73, 43.368,
327.293


■ 56, 77.320,
137.477

■ 75, 52.253,
327.544

■ 56, 81.005,

■ 77, 60.539,
327.193

136.645

 77, 61.479,
326.534

 56, 82.171,
136.429

Harmonies

Complementary

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



62, 15.998, 144.647



58, 16.019, 326.400

Rectangle

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



62, 15.998, 144.647



62, 15.998, 194.647



62, 15.998, 324.647



62, 15.998, 14.647

Sweetspot

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



62, 16.000, 144.647



81, 6.425, 145.330



64, 13.307, 110.118



43, 4.376, 145.286



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



62, 16.000, 144.647



79, 23.315, 144.435



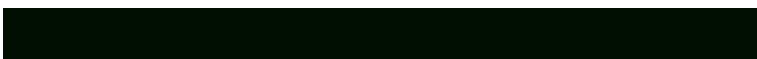
62, 11.158, 164.193



33, 5.924, 145.059



51, 76.918, 136.475



3, 7.732, 145.516

Inverse Universe

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



58, 16.019, 326.400



73, 23.339, 326.566



58, 11.408, 346.792



31, 5.934, 326.055



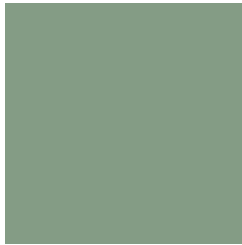
33, 72.684, 329.924



1, 7.670, 325.844

Previews

White Background



This preview shows how the CIELCh color 62, 15.998, 144.647 looks on a white background.

Color Contrast Check

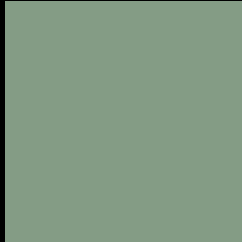
Large Text (above 18pt) WCAG AA × Fail

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, 15.998, 144.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

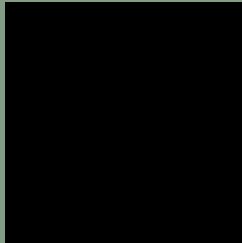
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

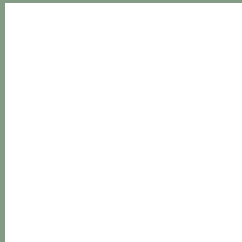
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 15.998, 144.647

Background



This preview shows how black text looks on a background with the CIELCh color 62, 15.998, 144.647.

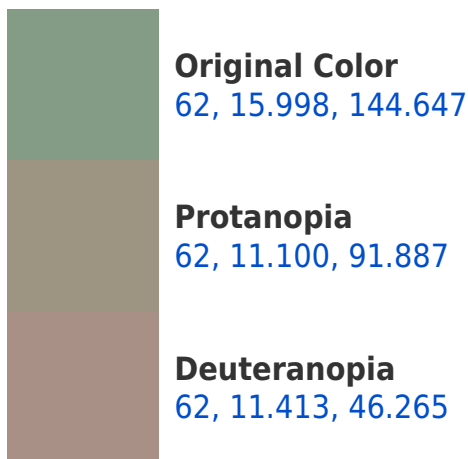


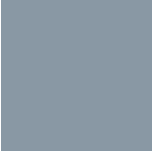
This preview shows how white text looks on a background with the CIELCh color 62, 15.998, 144.647.

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, 8.545, 251.309

Trichromacy



Original Color
62, 15.998, 144.647

Protanomaly
62, 11.826, 116.697

Deuteranomaly
62, 8.465, 86.857

Tritanomaly
62, 6.721, 198.851

Monochromacy



Original Color
62, 15.998, 144.647

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 6.179, 144.142

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 15.998, 144.647 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(132, 156, 133)` looks like.

```
.text, #text, p{  
    color:rgb(132, 156, 133)  
}
```

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(132, 156, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 156, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 15.998, 144.647 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(132, 156, 133) }
```

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

```
.border{ border-color:rgb(132, 156, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 156, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 156, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 156, 133);  
box-shadow:4px 4px 4px 4px rgb(132, 156,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 15.998, 144.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 156, 133) }
```

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

```
.background{ background-color: rgb(132,  
156, 133) }
```

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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