

Converting Colors

CIELCh(62, 17.770, 143.047)

Have a look what the booklet for
CIELCh(62, 17.770, 143.047)
contains.

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Color

CIELCh(62, 18.285, 142.461)

Conversions

Conversions Part 1

Format	Color
Hex	839D82
RGB	131, 157, 130
RGB Percent	51%, 62%, 51%
CMY	0.4876, 0.3856, 0.4915
CMYK	0.17, 0.00, 0.17, 0.39
HSL	118°, 12%, 56%
HSV	118°, 17%, 61%
XYZ	25.3171, 30.4025, 25.5388
YIQ	146.1480, -6.8290, -13.9090

Conversions

Conversions Part 2

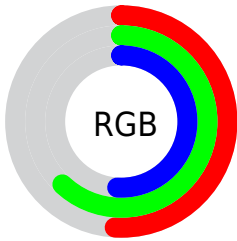
Format	Color
RYB	130, 157, 156
Decimal	8625538
CIELab	62.00, -14.50, 11.14
CIELCh	62, 18.285, 142.461
Yxy	30.4025, 0.3116, 0.3741
Android (android.graphics.Color)	4286815618 (0xFF839D82)
YUV	146.1480, -7.9610, -13.2848
Hunter-Lab	55.1385, -14.5332, 11.1353

Details

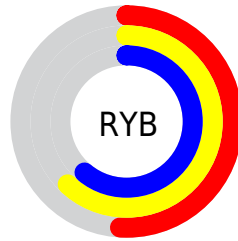
The CIELCh color $62, 18.285, 142.461$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $57, 18.323, 324.324$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 18.565, 142.739$, and $42, 18.417, 142.993$ is the 20% darker color. If you saturate the color by 10%, you get $61, 28.936, 141.741$, and if you desaturate by 10%, it is $63, 7.629, 143.093$.

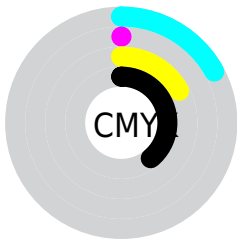
Distribution



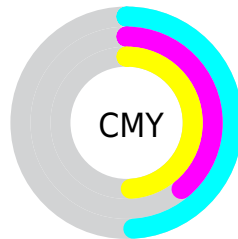
- Red (51%)
- Green (62%)
- Blue (51%)



- Red (51%)
- Yellow (62%)
- Blue (61%)



- Cyan (17%)
- Magenta (0%)
- Yellow (17%)
- Black (39%)





- Cyan (49%)
- Magenta (39%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 18.285, 142.461 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, 18.285, 142.461 by changing the saturation by 10% instead.

 62, 18.285,
142.461


 62, 18.285,
142.461


 100, 18.285,
142.461

 52, 18.285,
142.461


 82, 18.285,
142.461

 42, 18.285,
142.461

 92, 18.285,
142.461

 32, 18.285,
142.461

 22, 18.285,
142.461

 12, 18.285,
142.461

 2, 18.285, 142.461

 0, 18.285, 142.461

62, 18.285,
142.461

62, 18.285,
142.461

61, 28.936,
141.741

63, 7.629, 143.093

60, 39.409,
140.918

65, 2.912, 323.519

59, 49.484,
139.997

67, 13.250,
324.021

58, 58.877,
139.004

69, 23.329,
324.407

57, 67.239,
137.999

71, 33.115,
324.731

57, 74.163,
137.083

73, 42.592,
325.006


56, 79.237,
136.388


75, 51.754,
325.240

56, 82.314,

77, 60.604,
325.443

135.968

 78, 61.122,
326.523

 56, 83.022,
135.829

Harmonies

Complementary

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



62, 18.285, 142.461



57, 18.323, 324.324

Rectangle

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



62, 18.285, 142.461



62, 18.285, 192.461



62, 18.285, 322.461



62, 18.285, 12.461

Sweetspot

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



62, 18.287, 142.461



81, 6.531, 143.223



64, 14.222, 106.406



43, 4.448, 143.183



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, 18.287, 142.461



78, 27.667, 142.173



62, 13.335, 159.669



33, 6.022, 142.970



51, 77.558, 135.807



3, 7.854, 143.507

Inverse Universe

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



57, 18.323, 324.324



71, 27.724, 324.539



57, 13.559, 342.416



31, 6.035, 323.905



33, 75.179, 326.808



1, 7.829, 323.215

Previews

White Background



This preview shows how the CIELCh color 62, 18.285, 142.461 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, 18.285, 142.461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

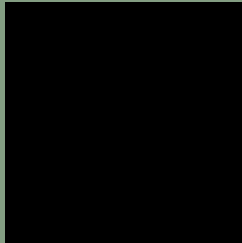
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 18.285, 142.461

Background



This preview shows how black text looks on a background with the CIELCh color 62, 18.285, 142.461.



This preview shows how white text looks on a background with the CIELCh color 62, 18.285, 142.461.

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

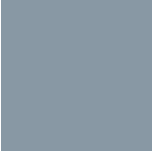
62, 18.285, 142.461

Protanopia

62, 13.256, 94.349

Deuteranopia

62, 12.684, 51.974



Tritanopia
62, 8.765, 249.483

Trichromacy



Original Color
62, 18.285, 142.461

Protanomaly
62, 14.085, 116.902

Deuteranomaly
62, 10.446, 93.237

Tritanomaly
62, 7.584, 190.229

Monochromacy



Original Color
62, 18.285, 142.461

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 6.870, 144.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 18.285, 142.461 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(131, 157, 130)` looks like.

```
.text, #text, p{  
    color:rgb(131, 157, 130)  
}
```

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(131, 157, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 157, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 18.285, 142.461 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(131, 157, 130) }
```

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

```
.border{ border-color:rgb(131, 157, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 157, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 157, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 157, 130);  
box-shadow:4px 4px 4px 4px rgb(131, 157,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 18.285, 142.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 157, 130) }
```

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

```
.background{ background-color: rgb(131,  
157, 130) }
```

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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