

Converting Colors

CIELCh(62, 23.190, 139.065)

Have a look what the booklet for
CIELCh(62, 23.190, 139.065)
contains.

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Color

CIELCh(62, 23.387, 138.637)

Conversions

Conversions Part 1

Format	Color
Hex	809E7A
RGB	128, 158, 122
RGB Percent	50%, 62%, 48%
CMY	0.4984, 0.3808, 0.5220
CMYK	0.19, 0.00, 0.23, 0.38
HSL	110°, 16%, 55%
HSV	110°, 23%, 62%
XYZ	24.6029, 30.4025, 22.9518
YIQ	144.9260, -6.3240, -17.5560

Conversions

Conversions Part 2

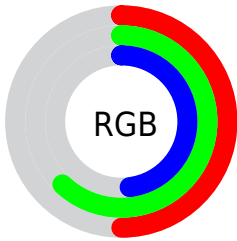
Format	Color
RYB	122, 158, 152
Decimal	8429178
CIELab	62.00, -17.55, 15.45
CIELCh	62, 23.387, 138.637
Yxy	30.4025, 0.3156, 0.3900
Android (android.graphics.Color)	4286619258 (0xFF809E7A)
YUV	144.9260, -11.3025, -14.8441
Hunter-Lab	55.1385, -16.8452, 13.9170

Details

The CIELCh color **62, 23.387, 138.637** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **55, 23.589, 320.810**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 23.397, 139.149**, and **42, 23.836, 138.680** is the 20% darker color. If you saturate the color by 10%, you get **61, 33.617, 138.008**, and if you desaturate by 10%, it is **63, 13.090, 139.202**.

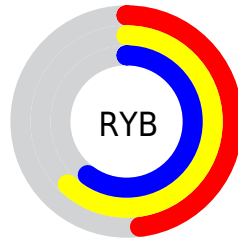
Distribution



Red (50%)

Green (62%)

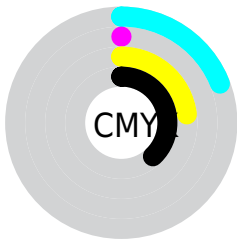
Blue (48%)



Red (48%)

Yellow (62%)

Blue (60%)

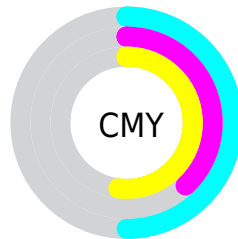


Cyan (19%)

Magenta (0%)

Yellow (23%)

Black (38%)



Cyan (50%)


Magenta (38%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 23.387, 138.637 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, 23.387, 138.637 by changing the saturation by 10% instead.


 62, 23.387,
138.637


 62, 23.387,
138.637


 100, 23.387,
138.637


 52, 23.387,
138.637


 82, 23.387,
138.637

 42, 23.387,
138.637

 92, 23.387,
138.637

 32, 23.387,
138.637

 22, 23.387,
138.637

 12, 23.387,
138.637

 2, 23.387, 138.637

 0, 23.387, 138.637

62, 23.387,
138.637

62, 23.387,
138.637

61, 33.617,
138.008

63, 13.090,
139.202

60, 43.614,
137.320

65, 2.840, 139.740

59, 53.166,
136.600

66, 7.279, 320.073

58, 61.990,
135.897

68, 17.207,
320.450

58, 69.722,
135.298

70, 26.907,
320.764

57, 75.941,
134.921

71, 36.354,
321.030


57, 80.269,
134.880

73, 45.539,
321.257

57, 82.479,

75, 54.457,
321.449

134.915

 77, 59.171,
323.864

Harmonies

Complementary

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



62, 23.387, 138.637



55, 23.589, 320.810

Rectangle

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



62, 23.387, 138.637



62, 23.387, 188.637



62, 23.387, 318.637



62, 23.387, 8.637

Sweetspot

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



62, 23.389, 138.638



81, 8.792, 139.498



63, 16.856, 99.826



42, 5.702, 139.470



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, 23.389, 138.638



78, 34.130, 138.349



62, 19.399, 153.921



33, 5.778, 139.388



52, 76.555, 134.840



3, 7.559, 140.053

Inverse Universe

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



55, 23.589, 320.810



68, 34.472, 321.021



55, 19.615, 337.295



31, 5.806, 320.191



29, 76.091, 322.015



1, 7.475, 318.926

Previews

White Background



This preview shows how the CIELCh color 62, 23.387, 138.637 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, 23.387, 138.637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

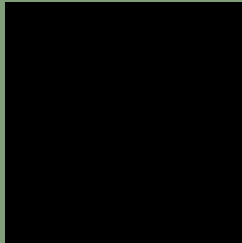
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

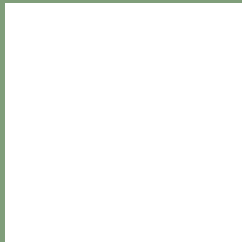
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 23.387, 138.637

Background



This preview shows how black text looks on a background with the CIELCh color 62, 23.387, 138.637.

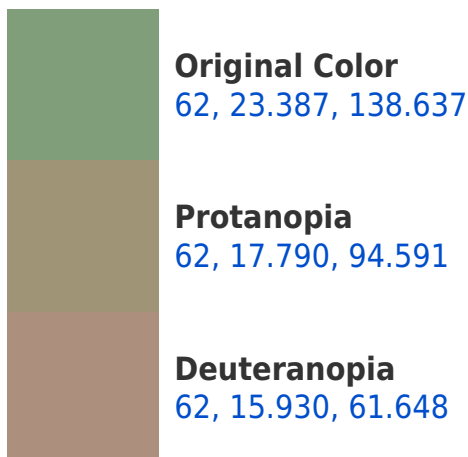


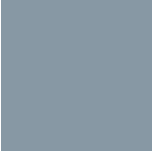
This preview shows how white text looks on a background with the CIELCh color 62, 23.387, 138.637.

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, 8.992, 247.752

Trichromacy



Original Color
62, 23.387, 138.637

Protanomaly
62, 18.421, 113.273

Deuteranomaly
62, 14.250, 96.900

Tritanomaly
62, 8.783, 179.962

Monochromacy



Original Color
62, 23.387, 138.637

Achromatopsia
60, 0.008, 296.813

Achromatomaly
61, 8.515, 139.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 23.387, 138.637 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(128, 158, 122)` looks like.

```
.text, #text, p{  
    color:rgb(128, 158, 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(128, 158, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 158, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 23.387, 138.637 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(128, 158, 122) }
```

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

```
.border{ border-color:rgb(128, 158, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 158, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 158, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 158, 122);  
box-shadow:4px 4px 4px 4px rgb(128, 158,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 23.387, 138.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 158, 122) }
```

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

```
.background{ background-color: rgb(128,  
158, 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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