

Converting Colors

CIELCh(62, 49.759, 138.738)

Have a look what the booklet for
CIELCh(62, 49.759, 138.738)
contains.

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Color

CIELCh(62, 49.994, 138.565)

Conversions

Conversions Part 1

Format	Color
Hex	61A659
RGB	97, 166, 89
RGB Percent	38%, 65%, 35%
CMY	0.6208, 0.3502, 0.6521
CMYK	0.42, 0.00, 0.46, 0.35
HSL	114°, 30%, 50%
HSV	114°, 46%, 65%
XYZ	20.2697, 30.4025, 14.1893
YIQ	136.5910, -16.4070, -38.5750

Conversions

Conversions Part 2

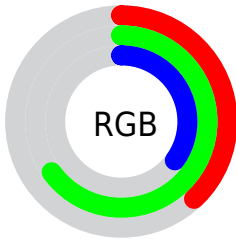
Format	Color
RYB	89, 166, 158
Decimal	6399577
CIELab	62.00, -37.48, 33.08
CIElCh	62, 49.994, 138.565
Yxy	30.4025, 0.3125, 0.4687
Android (android.graphics.Color)	4284589657 (0xFF61A659)
YUV	136.5910, -23.4624, -34.7213
Hunter-Lab	55.1385, -30.8732, 23.3393

Details

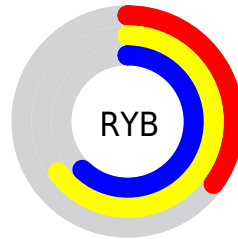
The CIELCh color **62, 49.994, 138.565** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **48, 50.318, 323.730**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 50.356, 138.510**, and **42, 49.701, 138.706** is the 20% darker color. If you saturate the color by 10%, you get **61, 59.787, 137.718**, and if you desaturate by 10%, it is **63, 39.578, 139.369**.

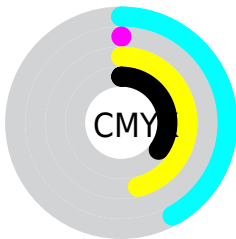
Distribution



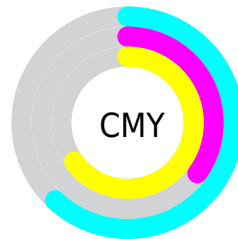
- Red (38%)
- Green (65%)
- Blue (35%)



- Red (35%)
- Yellow (65%)
- Blue (62%)



- Cyan (42%)
- Magenta (0%)
- Yellow (46%)
- Black (35%)





- Cyan (62%)
- Magenta (35%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 49.994, 138.565 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, 49.994, 138.565 by changing the saturation by 10% instead.


 62, 49.994,
138.565


 62, 49.994,
138.565


 100, 49.994,
138.565


 52, 49.994,
138.565


 82, 49.994,
138.565

 42, 49.994,
138.565

 92, 49.994,
138.565

 32, 49.994,
138.565

 22, 49.994,
138.565

 12, 49.994,
138.565

 2, 49.994, 138.565

 0, 49.994, 138.565

■ 62, 49.994,
138.565

■ 62, 49.994,
138.565

■ 61, 59.787,
137.718

■ 63, 39.578,
139.369

■ 60, 68.609,
136.889

■ 64, 28.806,
140.099

■ 60, 76.039,
136.178

■ 66, 17.888,
140.746

■ 60, 81.633,
135.711

■ 67, 6.978, 141.322

■ 59, 85.136,
135.564

■ 69, 3.812, 321.719

■ 59, 86.109,
135.482

■ 70, 14.404,
322.168

■ 72, 24.745,
322.522

■ 74, 34.804,
322.821

■ 76, 44.565,
323.074

Harmonies

Complementary

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



62, 49.994, 138.565



48, 50.318, 323.730

Rectangle

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



62, 49.994, 138.565



62, 49.994, 188.565



62, 49.994, 318.565



62, 49.994, 8.565

Sweetspot

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



62, 49.995, 138.566



83, 18.738, 140.878



64, 37.156, 100.019



43, 12.925, 140.755



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



62, 49.995, 138.566



77, 73.004, 137.671



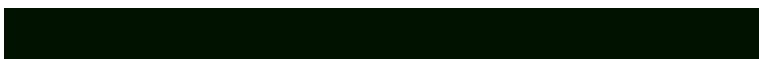
62, 38.908, 153.475



34, 6.051, 141.165



52, 78.145, 135.413



4, 9.418, 141.887

Inverse Universe

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



48, 50.318, 323.730



58, 73.307, 324.098



48, 39.810, 341.847



32, 6.072, 322.030



31, 76.546, 324.291



1, 9.304, 320.753

Previews

White Background



This preview shows how the CIELCh color 62, 49.994, 138.565 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, 49.994, 138.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

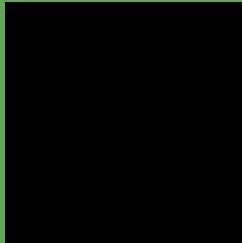
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 49.994, 138.565

Background



This preview shows how black text looks on a background with the CIELCh color 62, 49.994, 138.565.



This preview shows how white text looks on a background with the CIELCh color 62, 49.994, 138.565.

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, 49.994, 138.565

Protanopia

62, 36.822, 95.588

Deuteranopia

62, 32.034, 75.193



Tritanopia
62, 16.454, 222.542

Trichromacy



Original Color
62, 49.994, 138.565

Protanomaly
61, 38.596, 115.635

Deuteranomaly
61, 32.421, 107.281

Tritanomaly
62, 22.893, 167.968

Monochromacy



Original Color
62, 49.994, 138.565

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 18.771, 140.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 49.994, 138.565 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(97, 166, 89)` looks like.

```
.text, #text, p{  
    color:rgb(97, 166, 89)  
}
```

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(97, 166, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 166, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 49.994, 138.565 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(97, 166, 89) }
```

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

```
.border{ border-color:rgb(97, 166, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 166, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 166, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 166, 89);  
box-shadow:4px 4px 4px 4px rgb(97, 166,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 49.994, 138.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 166, 89) }
```

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

```
.background{ background-color: rgb(97, 166,  
89) }
```

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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