

Converting Colors

CIELCh(63, 62.252, 134.269)

Have a look what the booklet for
CIELCh(63, 62.252, 134.269)
contains.

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Color

CIELCh(63, 62.046, 134.433)

Conversions

Conversions Part 1

Format	Color
Hex	5CAA44
RGB	92, 170, 68
RGB Percent	36%, 67%, 27%
CMY	0.6379, 0.3320, 0.7321
CMYK	0.46, 0.00, 0.60, 0.33
HSL	106°, 43%, 47%
HSV	106°, 60%, 67%
XYZ	19.9366, 31.5869, 10.5643
YIQ	135.0500, -13.7460, -48.2580

Conversions

Conversions Part 2

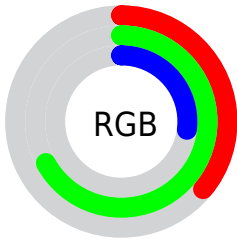
Format	Color
RYB	68, 170, 146
Decimal	6072900
CIELab	63.00, -43.44, 44.31
CIELCh	63, 62.046, 134.433
Yxy	31.5869, 0.3211, 0.5087
Android (android.graphics.Color)	4284262980 (0xFF5CAA44)
YUV	135.0500, -33.0556, -37.7548
Hunter-Lab	56.2022, -35.0348, 28.1969

Details

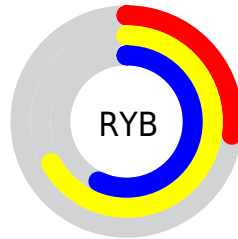
The CIELCh color **63, 62.046, 134.433** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **43, 63.722, 320.078**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 61.975, 134.631**, and **43, 62.106, 134.294** is the 20% darker color. If you saturate the color by 10%, you get **62, 70.547, 133.950**, and if you desaturate by 10%, it is **64, 52.556, 135.026**.

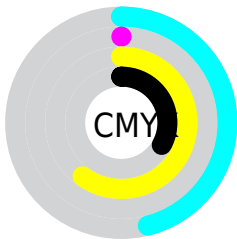
Distribution



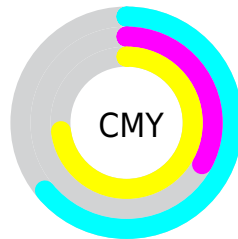
- Red (36%)
- Green (67%)
- Blue (27%)



- Red (27%)
- Yellow (67%)
- Blue (57%)



- Cyan (46%)
- Magenta (0%)
- Yellow (60%)
- Black (33%)





- Cyan (64%)
- Magenta (33%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 62.046, 134.433 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 63, 62.046, 134.433 by changing the saturation by 10% instead.


 63, 62.046,
134.433


 63, 62.046,
134.433


 100, 62.046,
134.433


 53, 62.046,
134.433


 83, 62.046,
134.433

 43, 62.046,
134.433

 93, 62.046,
134.433

 33, 62.046,
134.433

 23, 62.046,
134.433

 13, 62.046,
134.433

 3, 62.046, 134.433

 0, 62.046, 134.433

■ 63, 62.046,
134.433

■ 63, 62.046,
134.433

■ 62, 70.547,
133.950

■ 64, 52.556,
135.026

■ 62, 77.624,
133.690

■ 65, 42.427,
135.648

■ 61, 82.848,
133.774

■ 66, 31.924,
136.251

■ 61, 86.296,
134.126

■ 67, 21.244,
136.810

■ 61, 86.329,
134.129

■ 68, 10.529,
137.319

■ 70, 0.118, 316.253

■ 71, 10.623,
318.113

■ 73, 20.935,
318.454

■ 75, 31.021,
318.744

Harmonies

Complementary

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



63, 62.046, 134.433



43, 63.722, 320.078

Rectangle

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



63, 62.046, 134.433



63, 62.046, 184.433



63, 62.046, 314.433



63, 62.046, 4.433

Sweetspot

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



63, 62.047, 134.434



85, 23.821, 136.894



61, 43.397, 89.761



45, 16.695, 136.742



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



63, 62.047, 134.434



79, 89.072, 133.831



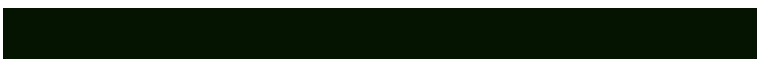
62, 55.751, 146.507



35, 5.960, 137.349



53, 77.692, 134.002



5, 10.961, 138.733

Inverse Universe

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



43, 63.722, 320.078



51, 91.377, 320.251



45, 55.361, 336.715



33, 5.998, 318.114



29, 78.838, 319.618



1, 10.656, 315.642

Previews

White Background



This preview shows how the CIELCh color 63, 62.046, 134.433 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 63, 62.046, 134.433 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 63, 62.046, 134.433

Background



This preview shows how black text looks on a background with the CIELCh color 63, 62.046, 134.433.

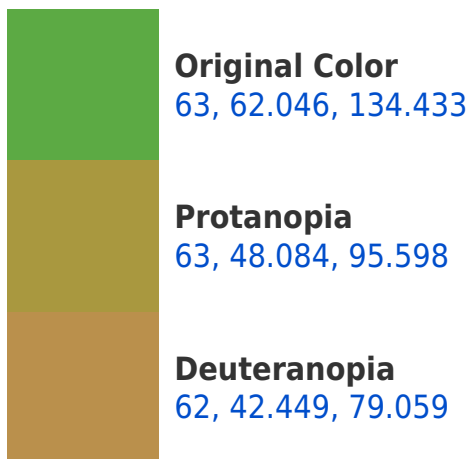



This preview shows how white text looks on a background with the CIELCh color 63, 62.046, 134.433.

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
63, 17.676, 222.622

Trichromacy



Original Color
63, 62.046, 134.433



Protanomaly
62, 50.185, 113.876



Deuteranomaly
62, 43.521, 106.495



Tritanomaly
63, 27.586, 161.065

Monochromacy



Original Color
63, 62.046, 134.433



Achromatopsia
56, 0.007, 296.813



Achromatomaly
58, 23.955, 137.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 62.046, 134.433 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(92, 170, 68)` looks like.

```
.text, #text, p{  
    color:rgb(92, 170, 68)  
}
```

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(92, 170, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 170, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 62.046, 134.433 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(92, 170, 68) }
```

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

```
.border{ border-color:rgb(92, 170, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 170, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 170, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 170, 68);  
box-shadow:4px 4px 4px 4px rgb(92, 170,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 62.046, 134.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 170, 68) }
```

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

```
.background{ background-color: rgb(92, 170,  
68) }
```

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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