

Converting Colors

CIELCh(63, 55.280, 123.057)

Have a look what the booklet for
CIELCh(63, 55.280, 123.057)
contains.

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Color

CIELCh(63, 55.230, 123.107)

Conversions

Conversions Part 1

Format	Color
Hex	7CA541
RGB	124, 165, 65
RGB Percent	49%, 65%, 25%
CMY	0.5136, 0.3528, 0.7450
CMYK	0.25, 0.00, 0.61, 0.35
HSL	85°, 43%, 45%
HSV	85°, 61%, 65%
XYZ	22.7293, 31.5869, 9.9032
YIQ	141.3410, 7.6640, -39.7920

Conversions

Conversions Part 2

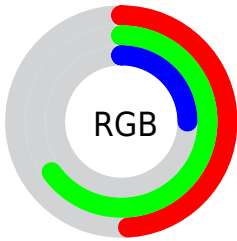
Format	Color
RYB	65, 165, 106
Decimal	8168769
CIELab	63.00, -30.17, 46.26
CIELCh	63, 55.230, 123.107
Yxy	31.5869, 0.3539, 0.4919
Android (android.graphics.Color)	4286358849 (0xFF7CA541)
YUV	141.3410, -37.6361, -15.2081
Hunter-Lab	56.2022, -26.1651, 28.8942

Details

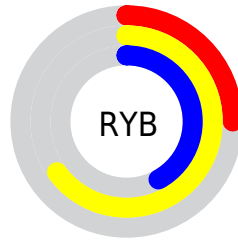
The CIELCh color **63, 55.230, 123.107** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **37, 61.801, 309.487**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 54.927, 123.087**, and **43, 55.364, 123.257** is the 20% darker color. If you saturate the color by 10%, you get **62, 62.662, 122.977**, and if you desaturate by 10%, it is **64, 46.935, 123.434**.

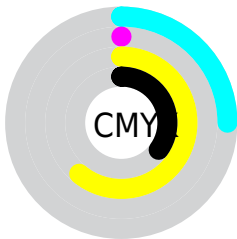
Distribution



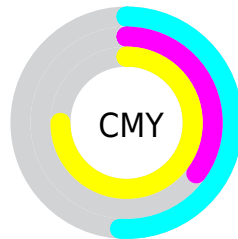
- Red (49%)
- Green (65%)
- Blue (25%)



- Red (25%)
- Yellow (65%)
- Blue (42%)



- Cyan (25%)
- Magenta (0%)
- Yellow (61%)
- Black (35%)





- Cyan (51%)
- Magenta (35%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 55.230, 123.107 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, 55.230, 123.107 by changing the saturation by 10% instead.


 63, 55.230,
123.107


 63, 55.230,
123.107


 100, 55.230,
123.107


 53, 55.230,
123.107


 83, 55.230,
123.107

 43, 55.230,
123.107

 93, 55.230,
123.107

 33, 55.230,
123.107

 23, 55.230,
123.107

 13, 55.230,
123.107

 3, 55.230, 123.107

 0, 55.230, 123.107

■ 63, 55.230,
123.107

■ 63, 55.230,
123.107

■ 62, 62.662,
122.977

■ 64, 46.935,
123.434

■ 62, 68.843,
123.150

■ 64, 38.082,
123.870

■ 62, 73.392,
123.743

■ 65, 28.890,
124.360

■ 61, 76.376,
124.614

■ 66, 19.508,
124.867

■ 67, 10.040,
125.368

■ 68, 0.557, 125.974

■ 69, 8.890, 306.278

■ 70, 18.265,
306.699

■ 71, 27.542,
307.083

Harmonies

Complementary

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



63, 55.230, 123.107



37, 61.801, 309.487

Rectangle

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



63, 55.230, 123.107



63, 55.230, 173.107



63, 55.230, 303.107



63, 55.230, 353.107

Sweetspot

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



63, 55.231, 123.108



84, 21.086, 124.981



50, 37.858, 58.220



44, 14.621, 124.841



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 55.231, 123.108



79, 79.099, 123.000



61, 63.435, 137.443



34, 5.310, 125.435



54, 69.486, 124.441



4, 8.374, 127.848

Inverse Universe

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



37, 61.801, 309.487



41, 91.198, 310.189



43, 63.578, 324.315



32, 5.393, 306.310



20, 83.469, 310.254



1, 8.228, 304.455

Previews

White Background



This preview shows how the CIELCh color 63, 55.230, 123.107 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, 55.230, 123.107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

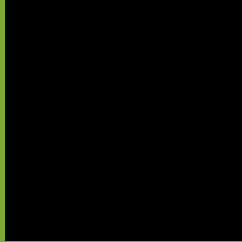
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 55.230, 123.107

Background



This preview shows how black text looks on a background with the CIELCh color 63, 55.230, 123.107.



This preview shows how white text looks on a background with the CIELCh color 63, 55.230, 123.107.

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
63, 55.230, 123.107

Protanopia
63, 48.988, 95.654

Deuteranopia
63, 45.414, 79.844



Tritanopia
63, 9.200, 246.072

Trichromacy



Original Color
63, 55.230, 123.107

Protanomaly
63, 50.016, 106.740

Deuteranomaly
62, 44.982, 97.667

Tritanomaly
63, 19.397, 141.563

Monochromacy



Original Color
63, 55.230, 123.107

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 21.571, 124.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 55.230, 123.107 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(124, 165, 65)` looks like.

```
.text, #text, p{  
    color:rgb(124, 165, 65)  
}
```

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(124, 165, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 165, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 55.230, 123.107 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(124, 165, 65) }
```

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

```
.border{ border-color:rgb(124, 165, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 165, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 165, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 165, 65);  
box-shadow:4px 4px 4px 4px rgb(124, 165,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 55.230, 123.107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 165, 65) }
```

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

```
.background{ background-color: rgb(124,  
165, 65) }
```

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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