

Converting Colors

CIELCh(61, 54.915, 127.047)

Have a look what the booklet for
CIELCh(61, 54.915, 127.047)
contains.

CIELCh(61, 55.003, 127.201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 55.003, 127.201)

Conversions

Conversions Part 1

Format	Color
Hex	6FA141
RGB	111, 161, 65
RGB Percent	44%, 63%, 25%
CMY	0.5647, 0.3686, 0.7451
CMYK	0.31, 0.00, 0.60, 0.37
HSL	91°, 42%, 44%
HSV	91°, 60%, 63%
XYZ	20.2524, 29.2481, 9.5780
YIQ	135.1060, 1.0160, -40.4560

Conversions

Conversions Part 2

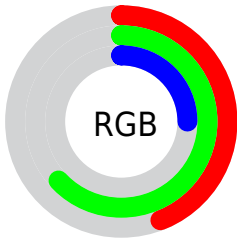
Format	Color
RYB	65, 161, 115
Decimal	7315777
CIELab	61.00, -33.26, 43.81
CIELCh	61, 55.003, 127.201
Yxy	29.2481, 0.3428, 0.4951
Android (android.graphics.Color)	4285505857 (0xFF6FA141)
YUV	135.1060, -34.5623, -21.1410
Hunter-Lab	54.0815, -27.7982, 27.3567

Details

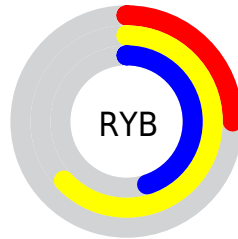
The CIELCh color **61, 55.003, 127.201** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **38, 59.759, 312.636**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 55.097, 127.265**, and **41, 55.130, 127.318** is the 20% darker color. If you saturate the color by 10%, you get **60, 62.692, 127.029**, and if you desaturate by 10%, it is **62, 46.506, 127.549**.

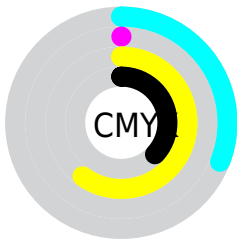
Distribution



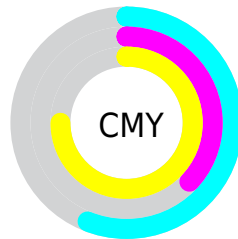
- Red (44%)
- Green (63%)
- Blue (25%)



- Red (25%)
- Yellow (63%)
- Blue (45%)



- Cyan (31%)
- Magenta (0%)
- Yellow (60%)
- Black (37%)





- Cyan (56%)
- Magenta (37%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 55.003, 127.201 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 61, 55.003, 127.201 by changing the saturation by 10% instead.


 61, 55.003,
127.201


 61, 55.003,
127.201


 100, 55.003,
127.201


 51, 55.003,
127.201


 81, 55.003,
127.201

 41, 55.003,
127.201

 91, 55.003,
127.201

 31, 55.003,
127.201

 21, 55.003,
127.201

 11, 55.003,
127.201

 1, 55.003, 127.201

 0, 55.003, 127.201

■ 61, 55.003,
127.201

■ 61, 55.003,
127.201

■ 60, 62.692,
127.029

■ 62, 46.506,
127.549

■ 60, 69.196,
127.140

■ 62, 37.493,
127.986

■ 59, 74.132,
127.656

■ 63, 28.173,
128.459

■ 59, 77.605,
128.518

■ 64, 18.694,
128.934

■ 59, 77.729,
128.547

■ 65, 9.159, 129.395

■ 66, 0.360, 309.513

■ 67, 9.812, 310.189

■ 69, 19.159,
310.550

■ 70, 28.376,
310.872

Harmonies

Complementary

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



61, 55.003, 127.201



38, 59.759, 312.636

Rectangle

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



61, 55.003, 127.201



61, 55.003, 177.201



61, 55.003, 307.201



61, 55.003, 357.201

Sweetspot

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



61, 55.004, 127.202



82, 21.209, 128.994



52, 36.646, 69.658



43, 14.707, 128.865



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 55.004, 127.202



77, 79.269, 127.030



59, 62.285, 139.797



34, 5.440, 129.411



54, 72.017, 128.406



4, 8.564, 131.340

Inverse Universe

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



38, 59.759, 312.636



43, 87.779, 313.054



44, 61.616, 327.892



32, 5.510, 310.181



22, 81.558, 312.598



1, 8.387, 308.076

Previews

White Background



This preview shows how the CIELCh color 61, 55.003, 127.201 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 55.003, 127.201 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 × Fail

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

CIELCh 61, 55.003, 127.201

Background



This preview shows how black text looks on a background with the CIELCh color 61, 55.003, 127.201.



This preview shows how white text looks on a background with the CIELCh color 61, 55.003, 127.201.

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
61, 55.003, 127.201

Protanopia
61, 46.734, 95.859

Deuteranopia
61, 42.879, 79.633



Tritanopia
61, 11.273, 235.764

Trichromacy



Original Color
61, 55.003, 127.201

Protanomaly
61, 47.945, 109.086

Deuteranomaly
60, 42.884, 100.443

Tritanomaly
61, 20.911, 148.959

Monochromacy



Original Color
61, 55.003, 127.201

Achromatopsia
56, 0.007, 296.813

Achromatomaly
58, 20.567, 129.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 55.003, 127.201 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(111, 161, 65)` looks like.

```
.text, #text, p{  
    color:rgb(111, 161, 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(111, 161, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 161, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 55.003, 127.201 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(111, 161, 65) }
```

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

```
.border{ border-color:rgb(111, 161, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 161, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 161, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 161, 65);  
box-shadow:4px 4px 4px 4px rgb(111, 161,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 55.003, 127.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 161, 65) }
```

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

```
.background{ background-color: rgb(111,  
161, 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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