

Converting Colors

CIELCh(57, 43.078, 121.236)

Have a look what the booklet for
CIELCh(57, 43.078, 121.236)
contains.

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Color

CIELCh(57, 43.078, 121.236)

Conversions

Conversions Part 1

Format	Color
Hex	779246
RGB	119, 146, 70
RGB Percent	47%, 57%, 27%
CMY	0.5333, 0.4274, 0.7255
CMYK	0.18, 0.00, 0.52, 0.43
HSL	81°, 35%, 42%
HSV	81°, 52%, 57%
XYZ	18.9928, 24.9227, 9.6042
YIQ	129.2630, 8.3040, -29.3600

Conversions

Conversions Part 2

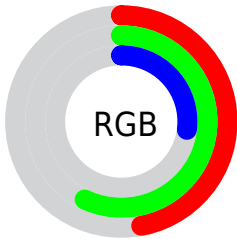
Format	Color
RYB	70, 146, 97
Decimal	7836230
CIELab	57.00, -22.34, 36.83
CIELCh	57, 43.078, 121.236
Yxy	24.9227, 0.3549, 0.4657
Android (android.graphics.Color)	4286026310 (0xFF779246)
YUV	129.2630, -29.2167, -9.0007
Hunter-Lab	49.9226, -19.4553, 23.5395

Details

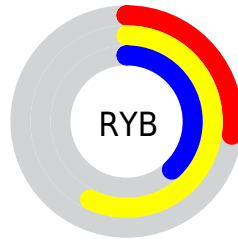
The CIELCh color $57, 43.078, 121.236$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $36, 47.744, 307.278$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 43.193, 121.027$, and $37, 42.985, 121.178$ is the 20% darker color. If you saturate the color by 10%, you get $56, 50.402, 120.907$, and if you desaturate by 10%, it is $58, 35.229, 121.685$.

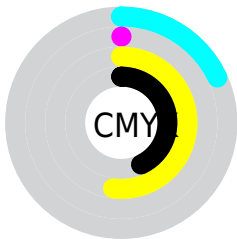
Distribution



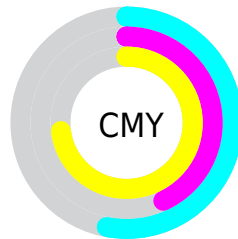
- Red (47%)
- Green (57%)
- Blue (27%)



- Red (27%)
- Yellow (57%)
- Blue (38%)



- Cyan (18%)
- Magenta (0%)
- Yellow (52%)
- Black (43%)





- Cyan (53%)
- Magenta (43%)
- Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 43.078, 121.236 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 57, 43.078, 121.236 by changing the saturation by 10% instead.


 57, 43.078,
121.236

 57, 43.078,
121.236


 100, 43.078,
121.236


 47, 43.078,
121.236


 77, 43.078,
121.236

 37, 43.078,
121.236

 87, 43.078,
121.236

 27, 43.078,
121.236

 97, 43.078,
121.236

 17, 43.078,
121.236

 7, 43.078, 121.236

 0, 43.078, 121.236

■ 57, 43.078,
121.236

■ 57, 43.078,
121.236

■ 56, 50.402,
120.907

■ 58, 35.229,
121.685

■ 56, 56.918,
120.774

■ 58, 27.053,
122.192

■ 56, 62.280,
120.942

■ 59, 18.688,
122.723

■ 55, 66.157,
121.518

■ 60, 10.227,
123.254

■ 55, 68.499,
122.151

■ 60, 1.736, 123.791

■ 61, 6.741, 304.239

■ 62, 15.169,
304.700

■ 63, 23.526,
305.125

■ 64, 31.794,
305.517

Harmonies

Complementary

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



57, 43.078, 121.236



36, 47.744, 307.278

Rectangle

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



57, 43.078, 121.236



57, 43.078, 171.236



57, 43.078, 301.236



57, 43.078, 351.236

Sweetspot

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



57, 43.079, 121.238



75, 16.730, 123.028



46, 28.830, 53.955



39, 11.257, 122.932



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



57, 43.079, 121.238



72, 61.903, 120.879



55, 49.491, 137.076



31, 4.843, 123.403



52, 65.601, 122.068



2, 4.247, 123.862

Inverse Universe

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



36, 47.744, 307.278



41, 70.545, 308.120



41, 50.084, 322.492



29, 4.925, 304.339



18, 81.070, 309.361



0, 4.248, 303.861

Previews

White Background



This preview shows how the CIELCh color 57, 43.078, 121.236 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 57, 43.078, 121.236 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 57, 43.078, 121.236

Background



This preview shows how black text looks on a background with the CIELCh color 57, 43.078, 121.236.



This preview shows how white text looks on a background with the CIELCh color 57, 43.078, 121.236.

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](#).

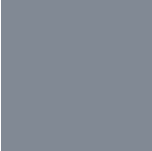
Dichromacy



Original Color
57, 43.078, 121.236

Protanopia
57, 39.160, 96.075

Deuteranopia
57, 36.229, 78.198



Tritanopia
57, 6.894, 265.205

Trichromacy



Original Color
57, 43.078, 121.236

Protanomaly
57, 39.471, 106.113

Deuteranomaly
57, 35.642, 95.617

Tritanomaly
57, 12.918, 136.676

Monochromacy



Original Color
57, 43.078, 121.236

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 15.949, 123.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 43.078, 121.236 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(119, 146, 70)` looks like.

```
.text, #text, p{  
    color:rgb(119, 146, 70)  
}
```

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(119, 146, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 146, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 43.078, 121.236 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(119, 146, 70) }
```

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

```
.border{ border-color:rgb(119, 146, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 146, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 146, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 146, 70);  
box-shadow:4px 4px 4px 4px rgb(119, 146,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 43.078, 121.236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 146, 70) }
```

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

```
.background{ background-color: rgb(119,  
146, 70) }
```

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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