

Converting Colors

CIELCh(52, 55.607, 126.927)

Have a look what the booklet for
CIELCh(52, 55.607, 126.927)
contains.

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Color

CIELCh(52, 55.379, 127.031)

Conversions

Conversions Part 1

Format	Color
Hex	578929
RGB	87, 137, 41
RGB Percent	34%, 54%, 16%
CMY	0.6581, 0.4620, 0.8384
CMYK	0.36, 0.00, 0.70, 0.46
HSL	91°, 54%, 35%
HSV	91°, 70%, 54%
XYZ	13.3261, 20.1443, 5.3016
YIQ	111.1060, 1.0160, -40.4560

Conversions

Conversions Part 2

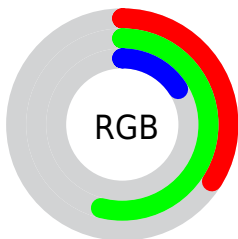
Format	Color
RYB	41, 137, 91
Decimal	5736745
CIELab	52.00, -33.35, 44.21
CIELCh	52, 55.379, 127.031
Yxy	20.1443, 0.3437, 0.5196
Android (android.graphics.Color)	4283926825 (0xFF578929)
YUV	111.1060, -34.5623, -21.1410
Hunter-Lab	44.8824, -25.5456, 24.4143

Details

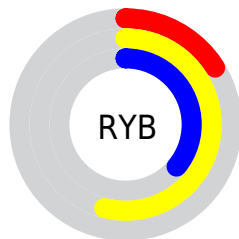
The CIELCh color **52, 55.379, 127.031** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **29, 60.976, 312.957**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 55.528, 127.238**, and **32, 50.844, 130.015** is the 20% darker color. If you saturate the color by 10%, you get **52, 61.170, 127.118**, and if you desaturate by 10%, it is **53, 48.586, 127.215**.

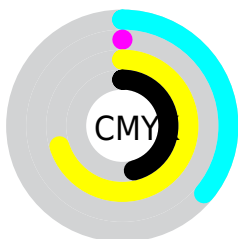
Distribution



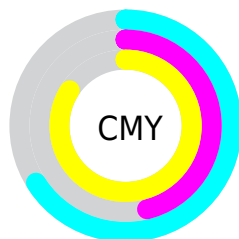
- Red (34%)
- Green (54%)
- Blue (16%)



- Red (16%)
- Yellow (54%)
- Blue (36%)



- Cyan (36%)
- Magenta (0%)
- Yellow (70%)
- Black (46%)



- Cyan (66%)
- Magenta (46%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 55.379, 127.031 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 52, 55.379, 127.031 by changing the saturation by 10% instead.

■ 52, 55.379,
127.031

■ 52, 55.379,
127.031

■ 100, 55.379,
127.031

■ 42, 55.379,
127.031

■ 72, 55.379,
127.031

■ 32, 55.379,
127.031

■ 82, 55.379,
127.031

■ 22, 55.379,
127.031

■ 92, 55.379,
127.031

■ 12, 55.379,
127.031

■ 2, 55.379, 127.031

■ 0, 55.379, 127.031

■ 52, 55.379,
127.031

■ 52, 55.379,
127.031

■ 52, 61.170,
127.118

■ 53, 48.586,
127.215

■ 51, 65.624,
127.591

■ 53, 41.106,
127.562

■ 51, 68.987,
128.318

■ 54, 33.187,
127.995

■ 51, 68.996,
128.320

■ 55, 25.007,
128.462

■ 55, 16.690,
128.930

■ 56, 8.323, 129.385

■ 57, 0.031, 306.690

■ 58, 8.327, 310.171

■ 59, 16.535,
310.529

Harmonies

Complementary

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



52, 55.379, 127.031



29, 60.976, 312.957

Rectangle

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



52, 55.379, 127.031



52, 55.379, 177.031



52, 55.379, 307.031



52, 55.379, 357.031

Sweetspot

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



52, 55.379, 127.032



70, 21.754, 128.861



43, 38.213, 68.357



36, 14.664, 128.751



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



52, 55.379, 127.032



66, 77.595, 127.342



50, 62.269, 138.719



29, 4.723, 129.422



49, 67.277, 128.267



1, 2.194, 129.794

Inverse Universe

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



29, 60.976, 312.957



32, 87.003, 313.075



35, 61.149, 328.233



27, 4.782, 310.169



20, 76.231, 312.694



0, 2.194, 309.791

Previews

White Background



This preview shows how the CIELCh color 52, 55.379, 127.031 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 52, 55.379, 127.031 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 52, 55.379, 127.031

Background



This preview shows how black text looks on a background with the CIELCh color 52, 55.379, 127.031.



This preview shows how white text looks on a background with the CIELCh color 52, 55.379, 127.031.

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
52, 55.379, 127.031

Protanopia
52, 46.800, 95.963

Deuteranopia
52, 42.990, 80.583



Tritanopia
52, 11.211, 229.962

Trichromacy



Original Color
52, 55.379, 127.031

Protanomaly
52, 48.126, 109.116

Deuteranomaly
51, 42.841, 100.823

Tritanomaly
51, 21.562, 148.641

Monochromacy



Original Color
52, 55.379, 127.031

Achromatopsia
47, 0.006, 296.813

Achromatomaly
48, 21.907, 129.295

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 55.379, 127.031 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(87, 137, 41)` looks like.

```
.text, #text, p{  
    color:rgb(87, 137, 41)  
}
```

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(87, 137, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 137, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 55.379, 127.031 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(87, 137, 41) }
```

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

```
.border{ border-color:rgb(87, 137, 41) }
```

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

Here you see how a box with a 4 pixel rgb(87, 137, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 137, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 137, 41);  
box-shadow:4px 4px 4px 4px rgb(87, 137,  
41) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 55.379, 127.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 137, 41) }
```

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

```
.background{ background-color: rgb(87, 137,  
41) }
```

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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