

Converting Colors

CIELCh(52, 69.324, 127.646)

Have a look what the booklet for
CIELCh(52, 69.324, 127.646)
contains.

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Color

CIELCh(52, 69.261, 127.507)

Conversions

Conversions Part 1

Format	Color
Hex	478C01
RGB	71, 140, 1
RGB Percent	28%, 55%, 0%
CMY	0.7210, 0.4504, 0.9951
CMYK	0.49, 0.00, 0.99, 0.45
HSL	90°, 98%, 28%
HSV	90°, 99%, 55%
XYZ	12.0144, 20.1443, 3.2907
YIQ	103.5230, 3.4950, -57.8570

Conversions

Conversions Part 2

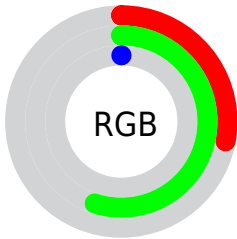
Format	Color
R_{YB}	1, 140, 70
Decimal	4688897
CIE Lab	52.00, -42.17, 54.94
CIE LCh	52, 69.261, 127.507
Yxy	20.1443, 0.3389, 0.5683
Android (android.graphics.Color)	4282878977 (0xFF478C01)
YUV	103.5230, -50.5438, -28.5227
Hunter-Lab	44.8824, -30.7622, 27.0706

Details

The CIELCh color **52, 69.261, 127.507** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **21, 79.381, 312.093**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 68.994, 127.438**, and **32, 55.247, 135.582** is the 20% darker color. If you saturate the color by 10%, you get **52, 69.558, 127.568**, and if you desaturate by 10%, it is **52, 65.892, 126.737**.

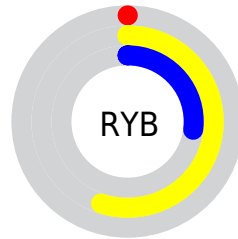
Distribution



Red (28%)

Green (55%)

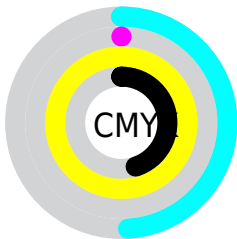
Blue (0%)



Red (0%)

Yellow (55%)

Blue (27%)

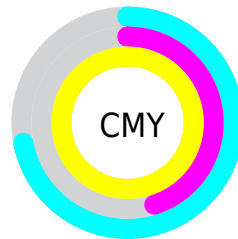


Cyan (49%)

Magenta (0%)

Yellow (99%)

Black (45%)



Cyan (72%)


Magenta (45%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 69.261, 127.507 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, 69.261, 127.507 by changing the saturation by 10% instead.


 52, 69.261,
127.507


 52, 69.261,
127.507


 100, 69.261,
127.507


 42, 69.261,
127.507


 72, 69.261,
127.507

 32, 69.261,
127.507

 82, 69.261,
127.507

 22, 69.261,
127.507

 92, 69.261,
127.507

 12, 69.261,
127.507

 2, 69.261, 127.507

 0, 69.261, 127.507

■ 52, 69.261,
127.507

■ 52, 69.261,
127.507

■ 52, 69.558,
127.568

■ 52, 65.892,
126.737

■ 53, 61.304,
126.279

■ 53, 55.380,
126.203

■ 54, 48.463,
126.392

■ 54, 40.869,
126.742

■ 55, 32.844,
127.176

■ 56, 24.563,
127.645

■ 57, 16.149,

128.118

■ 57, 7.687, 128.577

Harmonies

Complementary

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



52, 69.261, 127.507



21, 79.381, 312.093

Rectangle

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



52, 69.261, 127.507



52, 69.261, 177.507



52, 69.261, 307.507



52, 69.261, 357.507

Sweetspot

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



52, 69.261, 127.508



71, 31.190, 127.573



37, 54.255, 60.280



37, 21.413, 127.397



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



52, 69.261, 127.508



66, 84.248, 127.912



50, 76.379, 135.970



29, 4.696, 128.576



49, 66.768, 127.482



1, 2.182, 128.955

Inverse Universe

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



21, 79.381, 312.093



28, 96.543, 311.840



33, 73.875, 327.584



27, 4.758, 309.340



19, 76.617, 312.135



0, 2.182, 308.953

Previews

White Background



This preview shows how the CIELCh color 52, 69.261, 127.507 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, 69.261, 127.507 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, 69.261, 127.507

Background



This preview shows how black text looks on a background with the CIELCh color 52, 69.261, 127.507.



This preview shows how white text looks on a background with the CIELCh color 52, 69.261, 127.507.

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, 69.261, 127.507

Protanopia

52, 57.312, 95.582

Deuteranopia

52, 50.911, 82.587



Tritanopia
52, 15.081, 223.424

Trichromacy



Original Color
52, 69.261, 127.507

Protanomaly
51, 59.375, 110.119

Deuteranomaly
51, 53.217, 103.328

Tritanomaly
51, 32.621, 145.573

Monochromacy



Original Color
52, 69.261, 127.507

Achromatopsia
44, 0.006, 296.813

Achromatomaly
46, 30.918, 127.162

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 69.261, 127.507 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(71, 140, 1)` looks like.

```
.text, #text, p{  
    color:rgb(71, 140, 1)  
}
```

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(71, 140, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 140, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 69.261, 127.507 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(71, 140, 1) }
```

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

```
.border{ border-color:rgb(71, 140, 1) }
```

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

Here you see how a box with a 4 pixel rgb(71, 140, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 140, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 140, 1);  
box-shadow:4px 4px 4px 4px rgb(71, 140, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 52, 69.261, 127.507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 140, 1) }
```

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

```
.background{ background-color: rgb(71, 140,  
1) }
```

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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