

Converting Colors

CIELCh(52, 71.600, 130.318)

Have a look what the booklet for
CIELCh(52, 71.600, 130.318)
contains.

CIELCh(52, 71.851, 130.382)	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(52, 71.851, 130.382)

Conversions

Conversions Part 1

Format	Color
Hex	3B8E01
RGB	59, 142, 1
RGB Percent	23%, 56%, 0%
CMY	0.7705, 0.4447, 0.9949
CMYK	0.59, 0.00, 0.99, 0.44
HSL	96°, 98%, 28%
HSV	96°, 99%, 56%
XYZ	11.3961, 20.1443, 3.3244
YIQ	101.1090, -4.2070, -61.4470

Conversions

Conversions Part 2

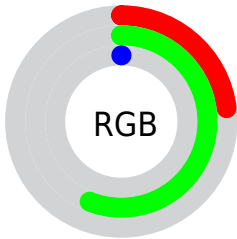
Format	Color
R_{YB}	1, 142, 84
Decimal	3902977
CIE _{Lab}	52.00, -46.55, 54.73
CIE _{LCh}	52, 71.851, 130.382
Yxy	20.1443, 0.3269, 0.5778
Android (android.graphics.Color)	4282093057 (0xFF3B8E01)
YUV	101.1090, -49.3537, -36.9296
Hunter-Lab	44.8824, -33.2212, 27.0262

Details

The CIELCh color **52, 71.851, 130.382** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **23, 78.451, 314.456**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 72.163, 130.241**, and **33, 56.439, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **52, 72.161, 130.431**, and if you desaturate by 10%, it is **52, 68.348, 129.720**.

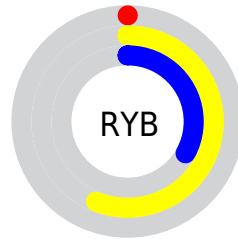
Distribution



Red (23%)

Green (56%)

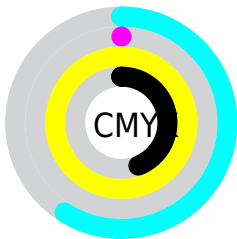
Blue (0%)



Red (0%)

Yellow (56%)

Blue (33%)

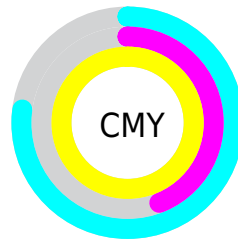


Cyan (59%)

Magenta (0%)

Yellow (99%)

Black (44%)



Cyan (77%)


Magenta (44%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 71.851, 130.382 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, 71.851, 130.382 by changing the saturation by 10% instead.


 52, 71.851,
130.382


 52, 71.851,
130.382


 100, 71.851,
130.382


 42, 71.851,
130.382


 72, 71.851,
130.382

 32, 71.851,
130.382

 82, 71.851,
130.382

 22, 71.851,
130.382

 92, 71.851,
130.382

 12, 71.851,
130.382

 2, 71.851, 130.382

 0, 71.851, 130.382

■ 52, 71.851,
130.382

■ 52, 71.851,
130.382

■ 52, 72.161,
130.431

■ 52, 68.348,
129.720

■ 53, 63.561,
129.351

■ 53, 57.396,
129.351

■ 54, 50.205,
129.601

■ 54, 42.315,
129.995

■ 55, 33.983,
130.457

■ 56, 25.392,
130.939

■ 57, 16.673,

131.410

■ 58, 7.921, 131.860

Harmonies

Complementary

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



52, 71.851, 130.382



23, 78.451, 314.456

Rectangle

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



52, 71.851, 130.382



52, 71.851, 180.382



52, 71.851, 310.382



52, 71.851, 0.382

Sweetspot

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



52, 71.851, 130.383



71, 32.358, 130.864



41, 53.136, 68.838



37, 21.970, 130.686



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, 71.851, 130.383



66, 87.672, 130.755



51, 75.344, 136.991



30, 4.955, 131.856



50, 69.708, 130.364



2, 3.346, 132.217

Inverse Universe

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



23, 78.451, 314.456



31, 95.594, 314.196



33, 69.796, 331.736



28, 5.008, 312.576



22, 76.172, 314.472



0, 3.346, 312.214

Previews

White Background



This preview shows how the CIELCh color 52, 71.851, 130.382 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, 71.851, 130.382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

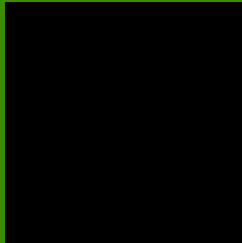
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 71.851, 130.382

Background



This preview shows how black text looks on a background with the CIELCh color 52, 71.851, 130.382.



This preview shows how white text looks on a background with the CIELCh color 52, 71.851, 130.382.

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, 72.003, 130.308

Protanopia

52, 57.312, 95.582

Deuteranopia

52, 50.559, 82.493



Tritanopia
52, 17.910, 216.911

Trichromacy



Original Color
52, 72.003, 130.308

Protanomaly
51, 59.682, 111.859

Deuteranomaly
51, 53.404, 106.407

Tritanomaly
51, 35.092, 149.907

Monochromacy



Original Color
52, 72.003, 130.308

Achromatopsia
43, 0.006, 296.813

Achromatomaly
45, 32.332, 130.142

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 71.851, 130.382 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(59, 142, 1)` looks like.

```
.text, #text, p{  
    color:rgb(59, 142, 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(59, 142, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 142, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 71.851, 130.382 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(59, 142, 1) }
```

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

```
.border{ border-color:rgb(59, 142, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 142, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 142, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 142, 1);  
box-shadow:4px 4px 4px 4px rgb(59, 142, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 52, 71.851, 130.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 142, 1) }
```

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

```
.background{ background-color: rgb(59, 142,  
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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