

Converting Colors

CIELCh(60, 71.620, 129.425)

Have a look what the booklet for
CIELCh(60, 71.620, 129.425)
contains.

CIELCh(60, 71.869, 129.498)	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(60, 71.869, 129.498)

Conversions

Conversions Part 1

Format	Color
Hex	55A320
RGB	85, 163, 32
RGB Percent	33%, 64%, 13%
CMY	0.6677, 0.3618, 0.8757
CMYK	0.48, 0.00, 0.81, 0.36
HSL	96°, 67%, 38%
HSV	96°, 81%, 64%
XYZ	17.0291, 28.1233, 5.8754
YIQ	124.7440, -4.4370, -57.2770

Conversions

Conversions Part 2

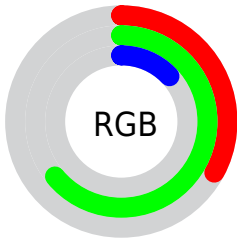
Format	Color
RYB	32, 163, 110
Decimal	5612320
CIELab	60.00, -45.71, 55.46
CIELCh	60, 71.869, 129.498
Yxy	28.1233, 0.3337, 0.5511
Android (android.graphics.Color)	4283802400 (0xFF55A320)
YUV	124.7440, -45.7228, -34.8555
Hunter-Lab	53.0314, -35.4862, 30.5532

Details

The CIELCh color **60, 71.869, 129.498** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **32, 77.958, 315.141**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 72.206, 129.623**, and **40, 63.099, 134.413** is the 20% darker color. If you saturate the color by 10%, you get **60, 76.810, 129.974**, and if you desaturate by 10%, it is **61, 65.282, 129.427**.

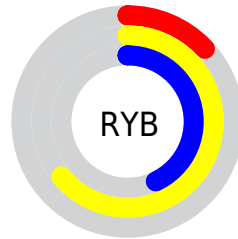
Distribution



Red (33%)

Green (64%)

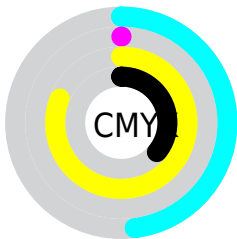
Blue (13%)



Red (13%)

Yellow (64%)

Blue (43%)

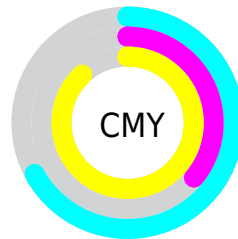


Cyan (48%)

Magenta (0%)

Yellow (81%)

Black (36%)



Cyan (67%)

Magenta (36%)

Yellow (88%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 71.869, 129.498 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 60, 71.869, 129.498 by changing the saturation by 10% instead.

 60, 71.869,
129.498


 60, 71.869,
129.498

 100, 71.869,
129.498

 50, 71.869,
129.498


 80, 71.869,
129.498

 40, 71.869,
129.498

 90, 71.869,
129.498

 30, 71.869,
129.498

 20, 71.869,
129.498

 10, 71.869,
129.498

 0, 71.869, 129.498

 60, 71.869,

 60, 71.869,

129.498

129.498

■ 60, 76.810,
129.974

■ 61, 65.282,
129.427

■ 59, 80.141,
130.702

■ 61, 57.437,
129.637

■ 62, 48.726,
130.015

■ 63, 39.460,
130.476

■ 64, 29.866,
130.963

■ 65, 20.105,
131.444

■ 66, 10.290,
131.903

■ 67, 0.502, 132.562

Harmonies

Complementary

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



60, 71.869, 129.498



32, 77.958, 315.141

Rectangle

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



60, 71.869, 129.498



60, 71.869, 179.498



60, 71.869, 309.498



60, 71.869, 359.498

Sweetspot

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



60, 71.869, 129.499



81, 29.116, 131.258



50, 50.906, 72.561



43, 20.153, 131.093



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



60, 71.869, 129.499



75, 96.701, 130.709



59, 75.733, 138.809



34, 5.541, 131.959



53, 73.649, 130.555



4, 8.709, 133.590

Inverse Universe

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



32, 77.958, 315.141



37, 105.196, 314.377



40, 72.523, 331.030



32, 5.601, 312.695



24, 80.300, 314.490



1, 8.513, 310.441

Previews

White Background



This preview shows how the CIE LCh color 60, 71.869, 129.498 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 60, 71.869, 129.498 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 60, 71.869, 129.498

Background



This preview shows how black text looks on a background with the CIELCh color 60, 71.869, 129.498.



This preview shows how white text looks on a background with the CIELCh color 60, 71.869, 129.498.

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

60, 71.869, 129.498

Protanopia

60, 58.703, 95.178

Deuteranopia

59, 53.260, 81.430



Tritanopia
60, 17.028, 221.760

Trichromacy



Original Color
60, 71.869, 129.498

Protanomaly
59, 60.561, 110.768

Deuteranomaly
59, 54.477, 104.374

Tritanomaly
60, 31.715, 151.594

Monochromacy



Original Color
60, 71.869, 129.498

Achromatopsia
52, 0.007, 296.813

Achromatomaly
54, 29.603, 130.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 71.869, 129.498 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(85, 163, 32)` looks like.

```
.text, #text, p{  
    color:rgb(85, 163, 32)  
}
```

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(85, 163, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 163, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 71.869, 129.498 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(85, 163, 32) }
```

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

```
.border{ border-color:rgb(85, 163, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 163, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 163, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 163, 32);  
box-shadow:4px 4px 4px 4px rgb(85, 163,  
32) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 71.869, 129.498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 163, 32) }
```

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

```
.background{ background-color: rgb(85, 163,  
32) }
```

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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