

Converting Colors

CIELCh(59, 77.911, 128.937)

Have a look what the booklet for
CIELCh(59, 77.911, 128.937)
contains.

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Color

CIELCh(59, 77.926, 129.014)

Conversions

Conversions Part 1

Format	Color
Hex	4BA101
RGB	75, 161, 1
RGB Percent	29%, 63%, 0%
CMY	0.7054, 0.3682, 0.9952
CMYK	0.53, 0.00, 0.99, 0.37
HSL	92°, 98%, 32%
HSV	92°, 99%, 63%
XYZ	15.6794, 27.0277, 4.4251
YIQ	117.0460, 0.1040, -67.9920

Conversions

Conversions Part 2

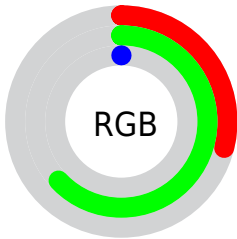
Format	Color
R_{YB}	1, 161, 87
Decimal	4956417
CIE _{Lab}	59.00, -49.06, 60.55
CIE _{LCh}	59, 77.926, 129.014
Y _{xy}	27.0277, 0.3327, 0.5734
Android (android.graphics.Color)	4283146497 (0xFF4BA101)
YUV	117.0460, -57.2107, -36.8743
Hunter-Lab	51.9882, -37.1447, 31.3451

Details

The CIELCh color **59, 77.926, 129.014** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **26, 87.380, 312.939**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 77.991, 129.089**, and **39, 63.636, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **59, 78.181, 129.073**, and if you desaturate by 10%, it is **59, 74.396, 128.173**.

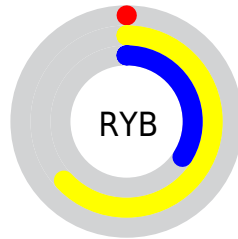
Distribution



Red (29%)

Green (63%)

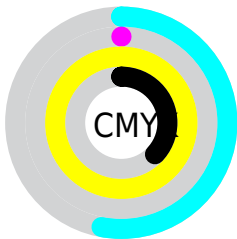
Blue (0%)



Red (0%)

Yellow (63%)

Blue (34%)

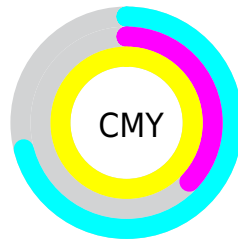


Cyan (53%)

Magenta (0%)

Yellow (99%)

Black (37%)



Cyan (71%)


Magenta (37%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 77.926, 129.014 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 59, 77.926, 129.014 by changing the saturation by 10% instead.


 59, 77.926,
129.014


 59, 77.926,
129.014


 100, 77.926,
129.014


 49, 77.926,
129.014

 79, 77.926,
129.014

 39, 77.926,
129.014

 89, 77.926,
129.014

 29, 77.926,
129.014

 99, 77.926,
129.014

 19, 77.926,
129.014

 9, 77.926, 129.014

 0, 77.926, 129.014

■ 59, 77.926,
129.014

■ 59, 77.926,
129.014

■ 59, 78.181,
129.073

■ 59, 74.396,
128.173

■ 60, 69.356,
127.688

■ 60, 62.756,
127.603

■ 61, 54.982,
127.794

■ 62, 46.409,
128.152

■ 62, 37.328,
128.596

■ 63, 27.948,
129.070

■ 64, 18.415,

129.545

■ 65, 8.831, 130.002

Harmonies

Complementary

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



59, 77.926, 129.014



26, 87.380, 312.939

Rectangle

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



59, 77.926, 129.014



59, 77.926, 179.014



59, 77.926, 309.014



59, 77.926, 359.014

Sweetspot

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



59, 77.926, 129.015



80, 35.439, 129.007



45, 59.274, 63.976



42, 24.091, 128.819



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



59, 77.926, 129.015



75, 95.192, 129.374



58, 84.120, 136.367



34, 5.462, 130.001



54, 72.398, 128.932



4, 8.596, 131.859

Inverse Universe

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



26, 87.380, 312.939



34, 106.655, 312.699



38, 79.740, 329.573



32, 5.529, 310.760



23, 81.267, 313.007



1, 8.415, 308.618

Previews

White Background



This preview shows how the CIELCh color 59, 77.926, 129.014 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 59, 77.926, 129.014 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 59, 77.926, 129.014

Background



This preview shows how black text looks on a background with the CIELCh color 59, 77.926, 129.014.



This preview shows how white text looks on a background with the CIELCh color 59, 77.926, 129.014.

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
59, 77.926, 129.014

Protanopia
59, 63.220, 95.564

Deuteranopia
59, 56.872, 82.250



Tritanopia
59, 18.369, 219.888

Trichromacy



Original Color
59, 77.926, 129.014

Protanomaly
58, 65.772, 111.234

Deuteranomaly
58, 59.611, 104.598

Tritanomaly
58, 37.490, 147.789

Monochromacy



Original Color
59, 77.926, 129.014

Achromatopsia
49, 0.007, 296.813

Achromatomaly
52, 35.333, 128.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 77.926, 129.014 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(75, 161, 1)` looks like.

```
.text, #text, p{  
    color:rgb(75, 161, 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(75, 161, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 161, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 77.926, 129.014 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(75, 161, 1) }
```

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

```
.border{ border-color:rgb(75, 161, 1) }
```

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

Here you see how a box with a 4 pixel rgb(75, 161, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 161, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 161, 1);  
box-shadow:4px 4px 4px 4px rgb(75, 161, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 59, 77.926, 129.014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 161, 1) }
```

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

```
.background{ background-color: rgb(75, 161,  
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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