

Converting Colors

CIELCh(61, 80.866, 129.872)

Have a look what the booklet for
CIELCh(61, 80.866, 129.872)
contains.

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Color

CIELCh(61, 80.546, 129.783)

Conversions

Conversions Part 1

Format	Color
Hex	4AA703
RGB	74, 167, 3
RGB Percent	29%, 65%, 1%
CMY	0.7082, 0.3437, 0.9890
CMYK	0.56, 0.00, 0.98, 0.34
HSL	94°, 97%, 33%
HSV	94°, 98%, 66%
XYZ	16.7556, 29.2481, 4.8428
YIQ	120.4970, -2.7840, -70.7200

Conversions

Conversions Part 2

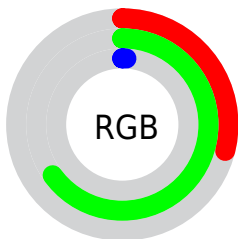
Format	Color
R_{YB}	3, 167, 96
Decimal	4892419
CIE Lab	61.00, -51.54, 61.90
CIE LCh	61, 80.546, 129.783
Yxy	29.2481, 0.3295, 0.5752
Android (android.graphics.Color)	4283082499 (0xFF4AA703)
YUV	120.4970, -57.9260, -40.7779
Hunter-Lab	54.0815, -39.3395, 32.5479

Details

The CIELCh color **61, 80.546, 129.783** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **28, 89.026, 313.635**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 80.302, 129.851**, and **41, 66.127, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **61, 81.117, 129.913**, and if you desaturate by 10%, it is **61, 76.854, 128.961**.

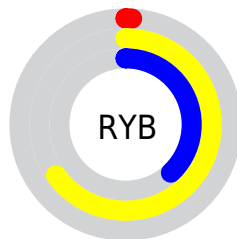
Distribution



Red (29%)

Green (65%)

Blue (1%)



Red (1%)

Yellow (65%)

Blue (38%)

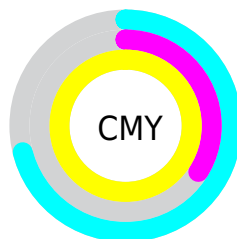


Cyan (56%)

Magenta (0%)

Yellow (98%)

Black (34%)



Cyan (71%)


Magenta (34%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 80.546, 129.783 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 61, 80.546, 129.783 by changing the saturation by 10% instead.


 61, 80.546,
129.783


 61, 80.546,
129.783


 100, 80.546,
129.783


 51, 80.546,
129.783


 81, 80.546,
129.783

 41, 80.546,
129.783

 91, 80.546,
129.783

 31, 80.546,
129.783

 21, 80.546,
129.783

 11, 80.546,
129.783

 1, 80.546, 129.783

 0, 80.546, 129.783

■ 61, 80.546,
129.783

■ 61, 80.546,
129.783

■ 61, 81.117,
129.913

■ 61, 76.854,
128.961

■ 62, 71.483,
128.534

■ 62, 64.511,
128.496

■ 63, 56.348,
128.723

■ 64, 47.379,
129.105

■ 65, 37.901,
129.562

■ 66, 28.127,
130.043

■ 67, 18.208,

130.518

■ 68, 8.250, 130.973

Harmonies

Complementary

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



61, 80.546, 129.783



28, 89.026, 313.635

Rectangle

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



61, 80.546, 129.783



61, 80.546, 179.783



61, 80.546, 309.783



61, 80.546, 359.783

Sweetspot

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



61, 80.546, 129.784



83, 35.540, 129.985



47, 60.312, 65.525



44, 24.547, 129.787



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



61, 80.546, 129.784



77, 98.647, 130.195



60, 86.023, 136.537



35, 5.641, 130.930



54, 73.949, 129.752



5, 10.454, 133.331

Inverse Universe

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



28, 89.026, 313.635



36, 108.953, 313.358



39, 80.797, 330.266



33, 5.706, 311.680



24, 81.850, 313.671



1, 10.125, 308.678

Previews

White Background



This preview shows how the CIELCh color 61, 80.546, 129.783 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 61, 80.546, 129.783 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 61, 80.546, 129.783

Background



This preview shows how black text looks on a background with the CIELCh color 61, 80.546, 129.783.



This preview shows how white text looks on a background with the CIELCh color 61, 80.546, 129.783.

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


61, 80.426, 129.833

Protanopia

61, 64.866, 95.376

Deuteranopia

61, 58.172, 82.422



Tritanopia
61, 19.655, 218.169

Trichromacy



Original Color
61, 80.426, 129.833

Protanomaly
60, 67.263, 111.398

Deuteranomaly
59, 60.930, 105.450

Tritanomaly
60, 39.468, 148.868

Monochromacy



Original Color
61, 80.426, 129.833

Achromatopsia
51, 0.007, 296.813

Achromatomaly
54, 36.634, 129.411

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 80.546, 129.783 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(74, 167, 3)` looks like.

```
.text, #text, p{  
    color:rgb(74, 167, 3)  
}
```

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(74, 167, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 167, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 80.546, 129.783 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(74, 167, 3) }
```

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

```
.border{ border-color:rgb(74, 167, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 167, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 167, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 167, 3);  
box-shadow:4px 4px 4px 4px rgb(74, 167, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 61, 80.546, 129.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 167, 3) }
```

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

```
.background{ background-color: rgb(74, 167,  
3) }
```

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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