

Converting Colors

CIELCh(60, 78.727, 128.821)

Have a look what the booklet for
CIELCh(60, 78.727, 128.821)
contains.

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Color

CIELCh(60, 78.651, 128.786)

Conversions

Conversions Part 1

Format	Color
Hex	4EA402
RGB	78, 164, 2
RGB Percent	31%, 64%, 1%
CMY	0.6947, 0.3573, 0.9932
CMYK	0.52, 0.00, 0.99, 0.36
HSL	92°, 98%, 32%
HSV	92°, 99%, 64%
XYZ	16.3928, 28.1233, 4.6139
YIQ	119.8180, 0.7460, -68.6140

Conversions

Conversions Part 2

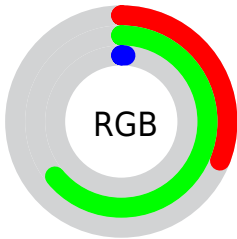
Format	Color
R_{YB}	2, 164, 88
Decimal	5153794
CIE _{Lab}	60.00, -49.27, 61.31
CIE _{LCh}	60, 78.651, 128.786
Yxy	28.1233, 0.3337, 0.5724
Android (android.graphics.Color)	4283343874 (0xFF4EA402)
YUV	119.8180, -58.0843, -36.6744
Hunter-Lab	53.0314, -37.6280, 31.9636

Details

The CIELCh color **60, 78.651, 128.786** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **26, 88.508, 312.758**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 78.673, 128.836**, and **40, 64.885, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **60, 79.008, 128.871**, and if you desaturate by 10%, it is **60, 75.092, 127.927**.

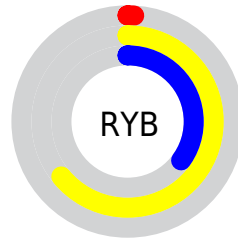
Distribution



Red (31%)

Green (64%)

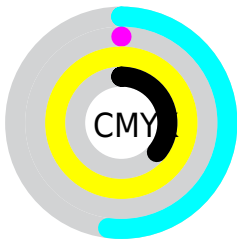
Blue (1%)



Red (1%)

Yellow (64%)

Blue (35%)

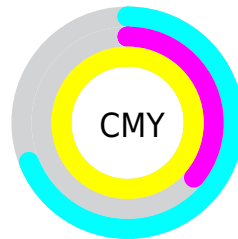


Cyan (52%)

Magenta (0%)

Yellow (99%)

Black (36%)



Cyan (69%)


Magenta (36%)

Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 78.651, 128.786 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, 78.651, 128.786 by changing the saturation by 10% instead.

 60, 78.651,
128.786


 60, 78.651,
128.786


 100, 78.651,
128.786


 50, 78.651,
128.786


 80, 78.651,
128.786

 40, 78.651,
128.786

 90, 78.651,
128.786

 30, 78.651,
128.786

 20, 78.651,
128.786

 10, 78.651,
128.786

 0, 78.651, 128.786

 60, 78.651,

 60, 78.651,

128.786

128.786

■ 60, 79.008,
128.871

■ 60, 75.092,
127.927

■ 61, 69.964,
127.443

■ 61, 63.260,
127.359

■ 62, 55.375,
127.551

■ 63, 46.687,
127.910

■ 63, 37.489,
128.353

■ 64, 27.993,
128.828

■ 65, 18.343,
129.303

Harmonies

Complementary

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



60, 78.651, 128.786



26, 88.508, 312.758

Rectangle

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



60, 78.651, 128.786



60, 78.651, 178.786



60, 78.651, 308.786



60, 78.651, 358.786

Sweetspot

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



60, 78.651, 128.787



82, 36.069, 128.750



45, 60.228, 62.560



43, 24.524, 128.560



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, 78.651, 128.787



77, 96.731, 129.176



59, 85.446, 136.219



34, 5.453, 129.747



54, 72.234, 128.708



4, 8.582, 131.636

Inverse Universe

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



26, 88.508, 312.758



35, 108.790, 312.503



39, 81.737, 328.884



32, 5.521, 310.511



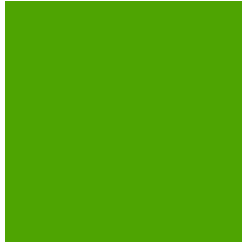
22, 81.392, 312.829



1, 8.403, 308.384

Previews

White Background



This preview shows how the CIELCh color 60, 78.651, 128.786 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, 78.651, 128.786 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, 78.651, 128.786

Background



This preview shows how black text looks on a background with the CIELCh color 60, 78.651, 128.786.



This preview shows how white text looks on a background with the CIELCh color 60, 78.651, 128.786.

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, 78.651, 128.786

Protanopia
60, 63.921, 95.236

Deuteranopia
59, 57.447, 82.049



Tritanopia
60, 18.240, 221.984

Trichromacy



Original Color
60, 78.651, 128.786

Protanomaly
59, 66.173, 110.789

Deuteranomaly
58, 60.078, 104.599

Tritanomaly
59, 37.194, 147.492

Monochromacy



Original Color
60, 78.651, 128.786

Achromatopsia
50, 0.007, 296.813

Achromatomaly
53, 35.713, 128.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 78.651, 128.786 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(78, 164, 2)` looks like.

```
.text, #text, p{  
    color:rgb(78, 164, 2)  
}
```

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(78, 164, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 164, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 78.651, 128.786 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(78, 164, 2) }
```

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

```
.border{ border-color:rgb(78, 164, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 164, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 164, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 164, 2);  
box-shadow:4px 4px 4px 4px rgb(78, 164, 2)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 60, 78.651, 128.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 164, 2) }
```

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

```
.background{ background-color: rgb(78, 164,  
2) }
```

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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