

Converting Colors

CIELCh(60, 82.322, 134.911)

Have a look what the booklet for
CIELCh(60, 82.322, 134.911)
contains.

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Color

CIELCh(60, 82.429, 134.835)

Conversions

Conversions Part 1

Format	Color
Hex	2BA712
RGB	43, 167, 18
RGB Percent	17%, 65%, 7%
CMY	0.8324, 0.3458, 0.9305
CMYK	0.74, 0.00, 0.89, 0.35
HSL	110°, 81%, 36%
HSV	110°, 89%, 65%
XYZ	14.8782, 28.1233, 5.2040
YIQ	112.9380, -26.0750, -72.6270

Conversions

Conversions Part 2

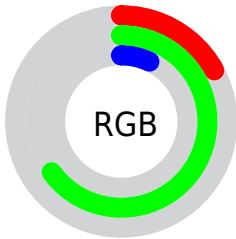
Format	Color
R_{YB}	18, 167, 142
Decimal	2860818
CIE _{Lab}	60.00, -58.12, 58.45
CIE _{LCh}	60, 82.429, 134.835
Yxy	28.1233, 0.3086, 0.5834
Android (android.graphics.Color)	4281050898 (0xFF2BA712)
YUV	112.9380, -46.8044, -61.3356
Hunter-Lab	53.0314, -42.7260, 31.3039

Details

The CIELCh color **60, 82.429, 134.835** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **36, 82.351, 322.239**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **80, 82.242, 134.755**, and **41, 65.714, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **60, 85.734, 134.944**, and if you desaturate by 10%, it is **60, 77.266, 134.986**.

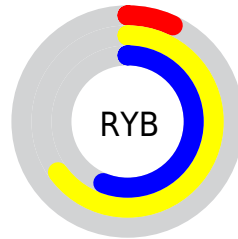
Distribution



Red (17%)

Green (65%)

Blue (7%)



Red (7%)

Yellow (65%)

Blue (56%)

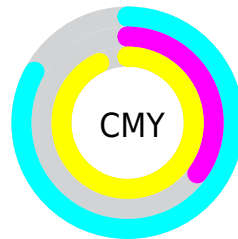


Cyan (74%)

Magenta (0%)

Yellow (89%)

Black (35%)



Cyan (83%)


Magenta (35%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 82.429, 134.835 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, 82.429, 134.835 by changing the saturation by 10% instead.


 60, 82.429,
134.835


 60, 82.429,
134.835


 100, 82.429,
134.835


 50, 82.429,
134.835


 80, 82.429,
134.835

 40, 82.429,
134.835

 90, 82.429,
134.835


 30, 82.429,
134.835

 20, 82.429,
134.835

 10, 82.429,
134.835

 0, 82.429, 134.835

 60, 82.429,

 60, 82.429,

134.835

134.835

■ 60, 85.734,
134.944

■ 60, 77.266,
134.986

■ 60, 85.917,
134.941

■ 61, 70.224,
135.444

■ 62, 61.734,
136.087

■ 62, 52.228,
136.803

■ 63, 42.062,
137.519

■ 64, 31.509,
138.191

■ 66, 20.775,
138.801

■ 67, 10.013,
139.346

Harmonies

Complementary

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



60, 82.429, 134.835



36, 82.351, 322.239

Rectangle

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



60, 82.429, 134.835



60, 82.429, 184.835



60, 82.429, 314.835



60, 82.429, 4.835

Sweetspot

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



60, 82.429, 134.836



82, 35.840, 138.312



59, 60.353, 90.829



43, 24.331, 138.102



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



60, 82.429, 134.836



76, 104.623, 135.090



60, 70.992, 143.843



35, 6.084, 139.351



53, 78.556, 134.855



5, 11.153, 140.449

Inverse Universe

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



36, 82.351, 322.239



45, 103.731, 321.788



38, 65.521, 343.938



33, 6.113, 320.161



30, 78.081, 321.957



2, 10.900, 318.141

Previews

White Background



This preview shows how the CIELCh color 60, 82.429, 134.835 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 CIE LCh color 60, 82.429, 134.835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

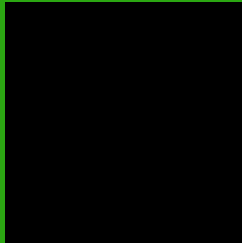
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 82.429, 134.835

Background



This preview shows how black text looks on a background with the CIELCh color 60, 82.429, 134.835.



This preview shows how white text looks on a background with the CIELCh color 60, 82.429, 134.835.

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, 82.429, 134.835

Protanopia
60, 62.843, 95.231

Deuteranopia
59, 55.518, 82.047



Tritanopia
60, 24.026, 215.489

Trichromacy



Original Color
60, 82.429, 134.835



Protanomaly
58, 66.243, 115.907



Deuteranomaly
58, 58.504, 111.151



Tritanomaly
59, 41.782, 157.578

Monochromacy



Original Color
60, 82.429, 134.835



Achromatopsia
48, 0.006, 296.813



Achromatomaly
51, 36.719, 137.543

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 82.429, 134.835 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(43, 167, 18)` looks like.

```
.text, #text, p{  
    color:rgb(43, 167, 18)  
}
```

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(43, 167, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 167, 18) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 82.429, 134.835 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(43, 167, 18) }
```

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

```
.border{ border-color:rgb(43, 167, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 167, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 167, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 167, 18);  
box-shadow:4px 4px 4px 4px rgb(43, 167,  
18) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 82.429, 134.835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 167, 18) }
```

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

```
.background{ background-color: rgb(43, 167,  
18) }
```

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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