

Converting Colors

CIELCh(60, 79.185, 140.321)

Have a look what the booklet for
CIELCh(60, 79.185, 140.321)
contains.

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Color

CIELCh(60, 79.317, 140.193)

Conversions

Conversions Part 1

Format	Color
Hex	00A82C
RGB	0, 168, 44
RGB Percent	0%, 66%, 17%
CMY	1.0000, 0.3418, 0.8281
CMYK	1.00, 0.00, 0.74, 0.34
HSL	136°, 100%, 33%
HSV	136°, 100%, 66%
XYZ	14.4170, 28.1233, 7.0355
YIQ	103.6320, -60.3240, -74.1800

Conversions

Conversions Part 2

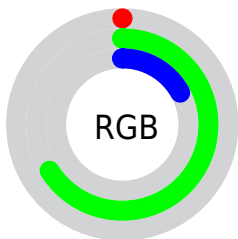
Format	Color
RYB	0, 133, 168
Decimal	43052
CIELab	60.00, -60.93, 50.78
CIElCh	60, 79.317, 140.193
Yxy	28.1233, 0.2908, 0.5673
Android (android.graphics.Color)	4278233132 (0xFF00A82C)
YUV	103.6320, -29.3986, -90.8853
Hunter-Lab	53.0314, -44.2784, 29.2562

Details

The CIELCh color **60, 79.317, 140.193** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **37, 69.332, 341.995**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **80, 79.711, 140.084**, and **41, 66.127, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **60, 79.295, 140.175**, and if you desaturate by 10%, it is **60, 74.647, 141.908**.

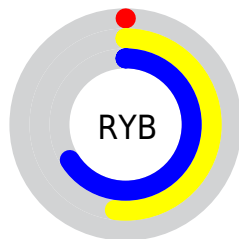
Distribution



Red (0%)

Green (66%)

Blue (17%)



Red (0%)

Yellow (52%)

Blue (66%)

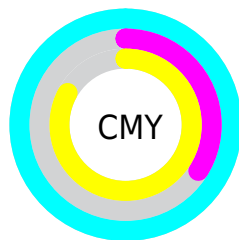


Cyan (100%)

Magenta (0%)

Yellow (74%)

Black (34%)



Cyan (100%)


Magenta (34%)


Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 79.317, 140.193 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, 79.317, 140.193 by changing the saturation by 10% instead.


 60, 79.317,
140.193


 60, 79.317,
140.193


 100, 79.317,
140.193


 50, 79.317,
140.193


 80, 79.317,
140.193

 40, 79.317,
140.193

 90, 79.317,
140.193

 30, 79.317,
140.193

 20, 79.317,
140.193

 10, 79.317,
140.193

 0, 79.317, 140.193

 60, 79.317,

 60, 79.317,

140.193

140.193

■ 60, 79.295,
140.175

■ 60, 74.647,
141.908

■ 61, 68.984,
143.696

■ 61, 62.294,
145.371

■ 62, 54.707,
146.891

■ 62, 46.391,
148.239

■ 63, 37.530,
149.418

■ 64, 28.305,
150.444

■ 66, 18.885,
151.336

Harmonies

Complementary

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



60, 79.317, 140.193



37, 69.332, 341.995

Rectangle

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



60, 79.317, 140.193



60, 79.317, 190.193



60, 79.317, 320.193



60, 79.317, 10.193

Sweetspot

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



60, 79.295, 140.175



82, 35.179, 150.391



64, 73.614, 117.282



43, 23.923, 149.991



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, 79.295, 140.175



77, 97.604, 139.814



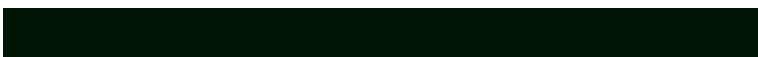
61, 48.350, 166.237



35, 5.334, 152.176



53, 71.907, 140.384



5, 9.969, 151.414

Inverse Universe

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



37, 69.332, 341.995



49, 84.347, 342.323



35, 65.648, 25.027



33, 5.357, 333.331



33, 63.296, 341.812



2, 9.224, 335.610

Previews

White Background



This preview shows how the CIELCh color 60, 79.317, 140.193 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, 79.317, 140.193 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

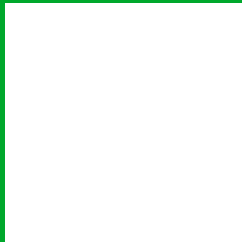
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 79.317, 140.193

Background



This preview shows how black text looks on a background with the CIELCh color 60, 79.317, 140.193.



This preview shows how white text looks on a background with the CIELCh color 60, 79.317, 140.193.

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, 79.317, 140.193

Protanopia
60, 55.089, 95.565

Deuteranopia
60, 48.665, 81.125



Tritanopia
60, 26.675, 212.134

Trichromacy



Original Color
60, 79.317, 140.193



Protanomaly
58, 61.753, 124.564



Deuteranomaly
57, 52.888, 120.798



Tritanomaly
59, 42.646, 165.518

Monochromacy



Original Color
60, 79.317, 140.193



Achromatopsia
44, 0.006, 296.813



Achromatomaly
48, 35.597, 148.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 79.317, 140.193 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(0, 168, 44)` looks like.

```
.text, #text, p{  
    color:rgb(0, 168, 44)  
}
```

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(0, 168, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 168, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 79.317, 140.193 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(0, 168, 44) }
```

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

```
.border{ border-color:rgb(0, 168, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 168, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 168, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 168, 44);  
box-shadow:4px 4px 4px 4px rgb(0, 168, 44)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 60, 79.317, 140.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 168, 44) }
```

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

```
.background{ background-color: rgb(0, 168,  
44) }
```

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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