

Converting Colors

CIELCh(58, 79.843, 131.896)

Have a look what the booklet for
CIELCh(58, 79.843, 131.896)
contains.

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Color

CIELCh(58, 79.927, 131.970)

Conversions

Conversions Part 1

Format	Color
Hex	39A002
RGB	57, 160, 2
RGB Percent	22%, 63%, 1%
CMY	0.7772, 0.3731, 0.9932
CMYK	0.64, 0.00, 0.99, 0.37
HSL	99°, 98%, 32%
HSV	99°, 99%, 63%
XYZ	14.2330, 25.9610, 4.3100
YIQ	111.1910, -10.6700, -70.9740

Conversions

Conversions Part 2

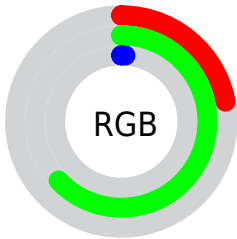
Format	Color
R_{YB}	2, 160, 105
Decimal	3776514
CIE Lab	58.00, -53.45, 59.43
CIE LCh	58, 79.927, 131.970
Yxy	25.9610, 0.3198, 0.5833
Android (android.graphics.Color)	4281966594 (0xFF39A002)
YUV	111.1910, -53.8312, -47.5255
Hunter-Lab	50.9519, -39.3035, 30.6511

Details

The CIELCh color **58, 79.927, 131.970** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **28, 84.792, 316.044**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **78, 79.896, 132.063**, and **39, 63.219, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **58, 80.293, 132.027**, and if you desaturate by 10%, it is **58, 76.295, 131.337**.

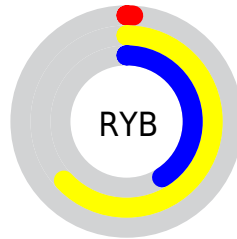
Distribution



Red (22%)

Green (63%)

Blue (1%)



Red (1%)

Yellow (63%)

Blue (41%)

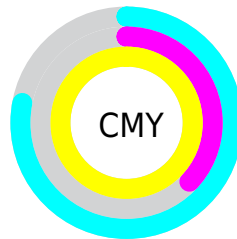


Cyan (64%)

Magenta (0%)

Yellow (99%)

Black (37%)



Cyan (78%)


Magenta (37%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 79.927, 131.970 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 58, 79.927, 131.970 by changing the saturation by 10% instead.


 58, 79.927,
131.970


 58, 79.927,
131.970


 100, 79.927,
131.970


 48, 79.927,
131.970


 78, 79.927,
131.970

 38, 79.927,
131.970

 88, 79.927,
131.970

 28, 79.927,
131.970

 98, 79.927,
131.970

 18, 79.927,
131.970

 8, 79.927, 131.970

 0, 79.927, 131.970

■ 58, 79.927,
131.970

■ 58, 79.927,
131.970

■ 58, 80.293,
132.027

■ 58, 76.295,
131.337

■ 59, 71.064,
131.036

■ 59, 64.235,
131.102

■ 60, 56.209,
131.413

■ 61, 47.368,
131.860

■ 62, 38.009,
132.364

■ 63, 28.351,
132.876

■ 64, 18.551,

133.368

■ 65, 8.721, 133.829

Harmonies

Complementary

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



58, 79.927, 131.970



28, 84.792, 316.044

Rectangle

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



58, 79.927, 131.970



58, 79.927, 181.970



58, 79.927, 311.970



58, 79.927, 1.970

Sweetspot

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



58, 79.927, 131.971



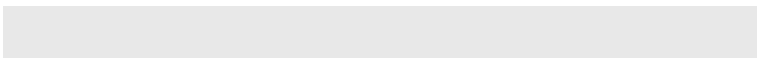
79, 36.221, 132.793



49, 57.828, 74.656



41, 24.877, 132.590



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



58, 79.927, 131.971



73, 97.418, 132.288



57, 80.583, 137.885



33, 5.479, 133.815



52, 73.807, 131.889



3, 7.197, 134.763

Inverse Universe

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



28, 84.792, 316.044



37, 103.168, 315.804



37, 72.435, 335.097



31, 5.529, 314.541



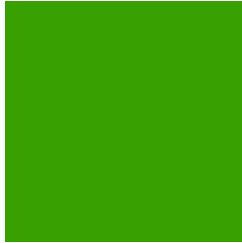
25, 78.379, 316.092



1, 7.103, 313.079

Previews

White Background



This preview shows how the CIELCh color 58, 79.927, 131.970 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 58, 79.927, 131.970 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 58, 79.927, 131.970

Background



This preview shows how black text looks on a background with the CIELCh color 58, 79.927, 131.970.



This preview shows how white text looks on a background with the CIELCh color 58, 79.927, 131.970.

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
58, 79.927, 131.970

Protanopia
58, 62.268, 95.422

Deuteranopia
57, 55.268, 82.134



Tritanopia
58, 21.388, 216.454

Trichromacy



Original Color
58, 79.927, 131.970

Protanomaly
57, 65.514, 113.659

Deuteranomaly
56, 58.484, 107.851

Tritanomaly
57, 40.562, 151.908

Monochromacy



Original Color
58, 79.927, 131.970

Achromatopsia
47, 0.006, 296.813

Achromatomaly
50, 36.744, 132.210

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 79.927, 131.970 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(57, 160, 2)` looks like.

```
.text, #text, p{  
    color:rgb(57, 160, 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(57, 160, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 160, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 79.927, 131.970 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(57, 160, 2) }
```

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

```
.border{ border-color:rgb(57, 160, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 160, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 160, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 160, 2);  
box-shadow:4px 4px 4px 4px rgb(57, 160, 2)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 58, 79.927, 131.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 160, 2) }
```

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

```
.background{ background-color: rgb(57, 160,  
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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