

Converting Colors

CIELCh(58, 79.409, 131.265)

Have a look what the booklet for
CIELCh(58, 79.409, 131.265)
contains.

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Color

CIELCh(58, 79.647, 131.269)

Conversions

Conversions Part 1

Format	Color
Hex	3CA000
RGB	60, 160, 0
RGB Percent	24%, 63%, 0%
CMY	0.7629, 0.3743, 1.0000
CMYK	0.62, 0.00, 1.00, 0.37
HSL	97°, 100%, 31%
HSV	97°, 100%, 63%
XYZ	14.3807, 25.9610, 4.2272
YIQ	111.8600, -8.2400, -70.9600

Conversions

Conversions Part 2

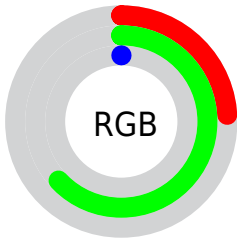
Format	Color
RYB	0, 160, 100
Decimal	3973120
CIELab	58.00, -52.53, 59.86
CIELCh	58, 79.647, 131.269
Yxy	25.9610, 0.3227, 0.5825
Android (android.graphics.Color)	4282163200 (0xFF3CA000)
YUV	111.8600, -55.1470, -45.4812
Hunter-Lab	50.9519, -38.7858, 30.7473

Details

The CIELCh color **58, 79.647, 131.269** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **27, 85.583, 315.114**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **78, 79.918, 131.542**, and **39, 63.219, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **58, 79.532, 131.321**, and if you desaturate by 10%, it is **58, 75.991, 130.623**.

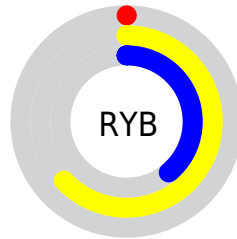
Distribution



Red (24%)

Green (63%)

Blue (0%)



Red (0%)

Yellow (63%)

Blue (39%)

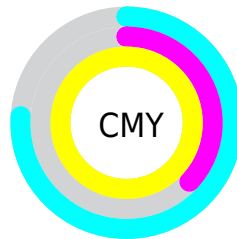


Cyan (62%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (76%)

Magenta (37%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 79.647, 131.269 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, 79.647, 131.269 by changing the saturation by 10% instead.


 58, 79.647,
131.269

 58, 79.647,
131.269


 100, 79.647,
131.269

 48, 79.647,
131.269


 78, 79.647,
131.269

 38, 79.647,
131.269

 88, 79.647,
131.269

 28, 79.647,
131.269

 98, 79.647,
131.269

 18, 79.647,
131.269

 8, 79.647, 131.269

 0, 79.647, 131.269

■ 58, 79.647,
131.269

■ 58, 79.647,
131.269

■ 58, 79.532,
131.321

■ 58, 75.991,
130.623

■ 59, 70.983,
130.219

■ 59, 64.364,
130.204

■ 60, 56.523,
130.455

■ 61, 47.843,
130.862

■ 61, 38.629,
131.340

■ 62, 29.100,
131.837

■ 63, 19.415,

132.323

■ 65, 9.685, 132.782

Harmonies

Complementary

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



58, 79.647, 131.269



27, 85.583, 315.114

Rectangle

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



58, 79.647, 131.269



58, 79.647, 181.269



58, 79.647, 311.269



58, 79.647, 1.269

Sweetspot

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



58, 79.532, 131.321



79, 35.902, 131.810



47, 58.175, 71.336



41, 24.656, 131.612



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, 79.532, 131.321



74, 96.638, 131.597



57, 81.864, 137.257



33, 5.434, 132.816



52, 73.210, 131.179



4, 7.142, 133.823

Inverse Universe

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



27, 85.583, 315.114



36, 103.813, 314.915



37, 74.357, 333.432



31, 5.488, 313.543



24, 78.850, 315.215



1, 7.052, 312.114

Previews

White Background



This preview shows how the CIELCh color 58, 79.647, 131.269 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 58, 79.647, 131.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

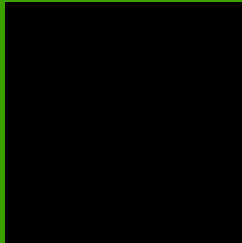
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 79.647, 131.269

Background



This preview shows how black text looks on a background with the CIELCh color 58, 79.647, 131.269.



This preview shows how white text looks on a background with the CIELCh color 58, 79.647, 131.269.

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, 79.783, 131.420

Protanopia

58, 62.268, 95.422

Deuteranopia

57, 55.268, 82.134



Tritanopia
58, 20.411, 217.483

Trichromacy



Original Color
58, 79.783, 131.420



Protanomaly
57, 65.171, 112.926



Deuteranomaly
56, 58.408, 106.951



Tritanomaly
57, 39.748, 150.814

Monochromacy



Original Color
58, 79.783, 131.420



Achromatopsia
47, 0.006, 296.813



Achromatomaly
50, 36.373, 131.127

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 79.647, 131.269 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(60, 160, 0)` looks like.

```
.text, #text, p{  
    color:rgb(60, 160, 0)  
}
```

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(60, 160, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 160, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 79.647, 131.269 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(60, 160, 0) }
```

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

```
.border{ border-color:rgb(60, 160, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 160, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 160, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 160, 0);  
box-shadow:4px 4px 4px 4px rgb(60, 160, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 58, 79.647, 131.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 160, 0) }
```

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

```
.background{ background-color: rgb(60, 160,  
0) }
```

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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