

Converting Colors

CIELCh(56, 77.201, 131.415)

Have a look what the booklet for
CIELCh(56, 77.201, 131.415)
contains.

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Color

CIELCh(56, 77.364, 131.396)

Conversions

Conversions Part 1

Format	Color
Hex	3A9A00
RGB	58, 154, 0
RGB Percent	23%, 60%, 0%
CMY	0.7738, 0.3971, 0.9981
CMYK	0.62, 0.00, 1.00, 0.40
HSL	98°, 99%, 30%
HSV	98°, 100%, 60%
XYZ	13.2394, 23.9124, 3.9312
YIQ	107.7400, -7.7820, -68.2460

Conversions

Conversions Part 2

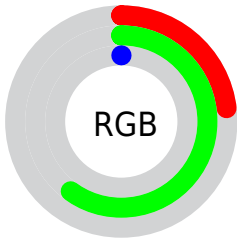
Format	Color
RYB	0, 154, 96
Decimal	3840512
CIELab	56.00, -51.16, 58.04
CIElCh	56, 77.364, 131.396
Yxy	23.9124, 0.3223, 0.5821
Android (android.graphics.Color)	4282030592 (0xFF3A9A00)
YUV	107.7400, -53.1158, -43.6220
Hunter-Lab	48.9003, -37.2480, 29.4637

Details

The CIELCh color **56, 77.364, 131.396** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **26, 83.041, 315.323**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **76, 77.416, 131.214**, and **37, 61.120, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **56, 77.470, 131.414**, and if you desaturate by 10%, it is **56, 73.826, 130.737**.

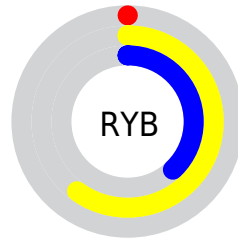
Distribution



Red (23%)

Green (60%)

Blue (0%)



Red (0%)

Yellow (60%)

Blue (38%)

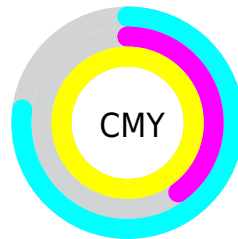


Cyan (62%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (77%)


Magenta (40%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 77.364, 131.396 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 56, 77.364, 131.396 by changing the saturation by 10% instead.


 56, 77.364,
131.396

 56, 77.364,
131.396


 100, 77.364,
131.396


 46, 77.364,
131.396


 76, 77.364,
131.396

 36, 77.364,
131.396

 86, 77.364,
131.396

 26, 77.364,
131.396

 96, 77.364,
131.396

 16, 77.364,
131.396

 6, 77.364, 131.396

 0, 77.364, 131.396

■ 56, 77.364,
131.396

■ 56, 77.364,
131.396

■ 56, 77.470,
131.414

■ 56, 73.826,
130.737

■ 57, 68.864,
130.370

■ 57, 62.359,
130.380

■ 58, 54.691,
130.649

■ 59, 46.225,
131.064

■ 59, 37.252,
131.547

■ 60, 27.983,
132.045

■ 61, 18.568,

132.529

■ 62, 9.114, 132.987

Harmonies

Complementary

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



56, 77.364, 131.396



26, 83.041, 315.323

Rectangle

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



56, 77.364, 131.396



56, 77.364, 181.396



56, 77.364, 311.396



56, 77.364, 1.396

Sweetspot

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



56, 77.364, 131.397



76, 34.876, 132.001



46, 56.485, 71.509



40, 23.702, 131.809



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



56, 77.364, 131.397



71, 94.055, 131.697



55, 79.488, 137.319



32, 5.296, 133.008



51, 72.350, 131.294



3, 5.730, 133.577

Inverse Universe

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



26, 83.041, 315.323



35, 100.784, 315.106



35, 72.324, 333.397



30, 5.348, 313.730



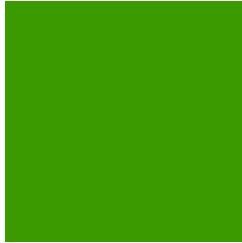
24, 77.724, 315.394



1, 5.707, 313.022

Previews

White Background



This preview shows how the CIELCh color 56, 77.364, 131.396 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 56, 77.364, 131.396 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 56, 77.364, 131.396

Background



This preview shows how black text looks on a background with the CIELCh color 56, 77.364, 131.396.



This preview shows how white text looks on a background with the CIELCh color 56, 77.364, 131.396.

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
56, 77.499, 131.334

Protanopia
56, 60.674, 95.174

Deuteranopia
56, 54.113, 82.566



Tritanopia
56, 20.060, 216.197

Trichromacy



Original Color
56, 77.499, 131.334

Protanomaly
55, 63.517, 112.839

Deuteranomaly
55, 57.261, 107.506

Tritanomaly
55, 39.267, 150.883

Monochromacy



Original Color
56, 77.499, 131.334

Achromatopsia
46, 0.006, 296.813

Achromatomaly
49, 35.372, 131.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 56, 77.364, 131.396 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(58, 154, 0)` looks like.

```
.text, #text, p{  
    color:rgb(58, 154, 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(58, 154, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 154, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 77.364, 131.396 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(58, 154, 0) }
```

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

```
.border{ border-color:rgb(58, 154, 0) }
```

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

Here you see how a box with a 4 pixel rgb(58, 154, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 154, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 154, 0);  
box-shadow:4px 4px 4px 4px rgb(58, 154, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 56, 77.364, 131.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 154, 0) }
```

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

```
.background{ background-color: rgb(58, 154,  
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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