

Converting Colors

CIELCh(56, 76.867, 131.030)

Have a look what the booklet for
CIELCh(56, 76.867, 131.030)
contains.

CIELCh(56, 77.087, 131.078)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(56, 77.087, 131.078)

Conversions

Conversions Part 1

Format	Color
Hex	3B9A00
RGB	59, 154, 0
RGB Percent	23%, 60%, 0%
CMY	0.7667, 0.3978, 0.9994
CMYK	0.61, 0.00, 1.00, 0.40
HSL	97°, 100%, 30%
HSV	97°, 100%, 60%
XYZ	13.3169, 23.9124, 3.9180
YIQ	108.0390, -7.1860, -68.0340

Conversions

Conversions Part 2

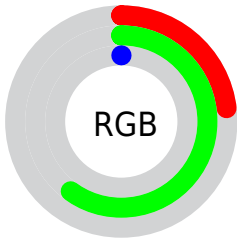
Format	Color
RYB	0, 154, 95
Decimal	3906048
CIELab	56.00, -50.65, 58.11
CIELCh	56, 77.087, 131.078
Yxy	23.9124, 0.3236, 0.5811
Android (android.graphics.Color)	4282096128 (0xFF3B9A00)
YUV	108.0390, -53.2632, -43.0072
Hunter-Lab	48.9003, -36.9650, 29.4798

Details

The CIELCh color **56, 77.087, 131.078** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **26, 83.280, 314.936**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **76, 77.254, 131.010**, and **37, 61.120, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **56, 77.123, 131.085**, and if you desaturate by 10%, it is **56, 73.567, 130.394**.

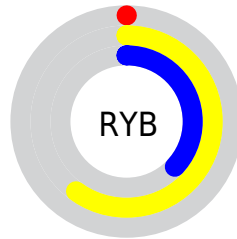
Distribution



Red (23%)

Green (60%)

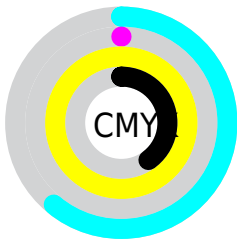
Blue (0%)



Red (0%)

Yellow (60%)

Blue (37%)

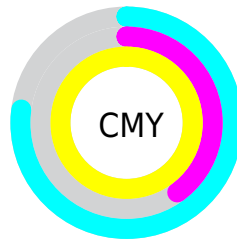


Cyan (61%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (77%)


Magenta (40%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 56, 77.087, 131.078 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, 77.087, 131.078 by changing the saturation by 10% instead.


 56, 77.087,
131.078


 56, 77.087,
131.078


 100, 77.087,
131.078


 46, 77.087,
131.078


 76, 77.087,
131.078

 36, 77.087,
131.078

 86, 77.087,
131.078

 26, 77.087,
131.078

 96, 77.087,
131.078

 16, 77.087,
131.078

 6, 77.087, 131.078

 0, 77.087, 131.078

■ 56, 77.087,
131.078

■ 56, 77.087,
131.078

■ 56, 77.123,
131.085

■ 56, 73.567,
130.394

■ 57, 68.657,
129.995

■ 57, 62.208,
129.979

■ 58, 54.594,
130.228

■ 59, 46.183,
130.629

■ 59, 37.263,
131.102

■ 60, 28.044,
131.595

■ 61, 18.677,

132.076

■ 62, 9.268, 132.532

Harmonies

Complementary

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



56, 77.087, 131.078



26, 83.280, 314.936

Rectangle

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



56, 77.087, 131.078



56, 77.087, 181.078



56, 77.087, 311.078



56, 77.087, 1.078

Sweetspot

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



56, 77.087, 131.079



76, 34.742, 131.561



45, 56.619, 69.939



40, 23.610, 131.371



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, 77.087, 131.079



71, 93.709, 131.375



55, 79.927, 137.076



32, 5.277, 132.562



51, 72.083, 130.964



3, 5.711, 133.141

Inverse Universe

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



26, 83.280, 314.936



35, 101.065, 314.723



35, 73.234, 332.587



30, 5.331, 313.286



23, 77.933, 315.016



1, 5.688, 312.582

Previews

White Background



This preview shows how the CIELCh color 56, 77.087, 131.078 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, 77.087, 131.078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

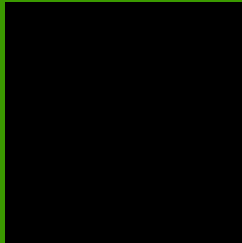
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 56, 77.087, 131.078

Background



This preview shows how black text looks on a background with the CIELCh color 56, 77.087, 131.078.



This preview shows how white text looks on a background with the CIELCh color 56, 77.087, 131.078.

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, 77.362, 131.176

Protanopia
56, 60.674, 95.174

Deuteranopia
56, 54.113, 82.566



Tritanopia
56, 19.810, 216.459

Trichromacy



Original Color
56, 77.362, 131.176



Protanomaly
55, 63.428, 112.445



Deuteranomaly
55, 57.477, 106.999



Tritanomaly
55, 38.839, 150.318

Monochromacy



Original Color
56, 77.362, 131.176



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, 77.087, 131.078 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(59, 154, 0)` looks like.

```
.text, #text, p{  
    color:rgb(59, 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(59, 154, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 154, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 56, 77.087, 131.078 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(59, 154, 0) }
```

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

```
.border{ border-color:rgb(59, 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(59, 154, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 154, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 154, 0);  
box-shadow:4px 4px 4px 4px rgb(59, 154, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 56, 77.087, 131.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 154, 0) }
```

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

```
.background{ background-color: rgb(59, 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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