

Converting Colors

CIELCh(44, 56.718, 130.911)

Have a look what the booklet for
CIELCh(44, 56.718, 130.911)
contains.

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Color

CIELCh(44, 56.707, 131.058)

Conversions

Conversions Part 1

Format	Color
Hex	387617
RGB	56, 118, 23
RGB Percent	22%, 46%, 9%
CMY	0.7807, 0.5376, 0.9101
CMYK	0.53, 0.00, 0.81, 0.54
HSL	99°, 67%, 28%
HSV	99°, 81%, 46%
XYZ	8.2492, 13.8382, 3.0422
YIQ	88.6320, -6.4570, -42.6890

Conversions

Conversions Part 2

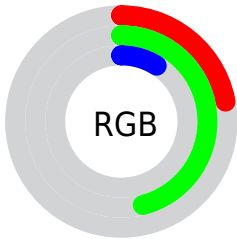
Format	Color
R_YB	23, 118, 85
Decimal	3700247
CIE Lab	44.00, -37.25, 42.76
CIE LCh	44, 56.707, 131.058
Yxy	13.8382, 0.3283, 0.5507
Android (android.graphics.Color)	4281890327 (0xFF387617)
YUV	88.6320, -32.3566, -28.6183
Hunter-Lab	37.1997, -25.5166, 21.1910

Details

The CIELCh color **44, 56.707, 131.058** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **23, 60.192, 316.820**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 56.560, 131.028**, and **25, 46.502, 136.352** is the 20% darker color. If you saturate the color by 10%, you get **44, 60.888, 131.320**, and if you desaturate by 10%, it is **44, 51.332, 131.139**.

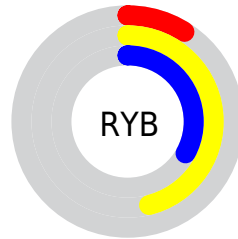
Distribution



Red (22%)

Green (46%)

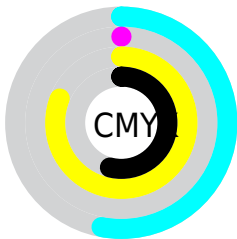
Blue (9%)



Red (9%)

Yellow (46%)

Blue (33%)

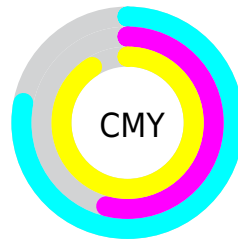


Cyan (53%)

Magenta (0%)

Yellow (81%)

Black (54%)



Cyan (78%)


Magenta (54%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 56.707, 131.058 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 44, 56.707, 131.058 by changing the saturation by 10% instead.


 44, 56.707,
131.058


 44, 56.707,
131.058


 100, 56.707,
131.058


 34, 56.707,
131.058

 64, 56.707,
131.058


 24, 56.707,
131.058

 74, 56.707,
131.058

 14, 56.707,
131.058

 84, 56.707,
131.058

 4, 56.707, 131.058

 94, 56.707,
131.058

 0, 56.707, 131.058

 44, 56.707,

 44, 56.707,

131.058

■ 44, 60.888,
131.320

■ 43, 64.098,
131.641

131.058

■ 44, 51.332,
131.139

■ 45, 45.059,
131.446

■ 46, 38.169,
131.881

■ 46, 30.883,
132.371

■ 47, 23.363,
132.870

■ 48, 15.727,
133.351

■ 49, 8.061, 133.803

■ 50, 0.425, 134.460

Harmonies

Complementary

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



44, 56.707, 131.058



23, 60.192, 316.820

Rectangle

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



44, 56.707, 131.058



44, 56.707, 181.058



44, 56.707, 311.058



44, 56.707, 1.058

Sweetspot

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



44, 56.707, 131.059



61, 22.718, 133.161



38, 39.910, 78.911



31, 15.512, 133.024



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



44, 56.707, 131.059



56, 76.704, 131.846



43, 56.557, 140.739



24, 4.271, 133.871



45, 65.875, 131.698



87, 112.692, 132.465

Inverse Universe

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



23, 60.192, 316.820



27, 81.361, 316.197



28, 54.027, 333.673



23, 4.309, 314.556



21, 70.027, 316.274



45, 119.159, 315.720

Previews

White Background



This preview shows how the CIELCh color 44, 56.707, 131.058 looks on a white 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

Black Background



This preview shows how the CIELCh color 44, 56.707, 131.058 looks on a black 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

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

CIELCh 44, 56.707, 131.058

Background



This preview shows how black text looks on a background with the CIELCh color 44, 56.707, 131.058.



This preview shows how white text looks on a background with the CIELCh color 44, 56.707, 131.058.

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


44, 56.707, 131.058

Protanopia

44, 45.698, 95.431

Deuteranopia

44, 40.718, 81.486



Tritanopia
44, 14.309, 220.339

Trichromacy



Original Color
44, 56.707, 131.058

Protanomaly
43, 47.366, 111.687

Deuteranomaly
43, 41.853, 105.385

Tritanomaly
44, 25.659, 154.225

Monochromacy



Original Color
44, 56.707, 131.058

Achromatopsia
38, 0.005, 296.813

Achromatomaly
40, 23.363, 132.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 56.707, 131.058 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(56, 118, 23)` looks like.

```
.text, #text, p{  
    color:rgb(56, 118, 23)  
}
```

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(56, 118, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 118, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 56.707, 131.058 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(56, 118, 23) }
```

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

```
.border{ border-color:rgb(56, 118, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 118, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 118, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 118, 23);  
box-shadow:4px 4px 4px 4px rgb(56, 118,  
23) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 56.707, 131.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 118, 23) }
```

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

```
.background{ background-color: rgb(56, 118,  
23) }
```

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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