

Converting Colors

CIELCh(44, 56.079, 137.882)

Have a look what the booklet for
CIELCh(44, 56.079, 137.882)
contains.

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Color

CIELCh(44, 56.073, 137.866)

Conversions

Conversions Part 1

Format	Color
Hex	277723
RGB	39, 119, 35
RGB Percent	15%, 47%, 14%
CMY	0.8490, 0.5317, 0.8612
CMYK	0.68, 0.00, 0.70, 0.53
HSL	118°, 54%, 30%
HSV	118°, 70%, 47%
XYZ	7.7739, 13.8382, 3.8829
YIQ	85.5040, -20.7160, -43.0840

Conversions

Conversions Part 2

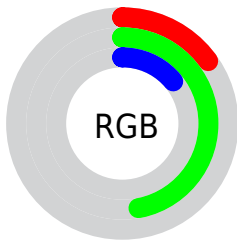
Format	Color
RYB	35, 119, 115
Decimal	2586403
CIELab	44.00, -41.58, 37.62
CIELCh	44, 56.073, 137.866
Yxy	13.8382, 0.3049, 0.5428
Android (android.graphics.Color)	4280776483 (0xFF277723)
YUV	85.5040, -24.8985, -40.7840
Hunter-Lab	37.1997, -27.7973, 19.8511

Details

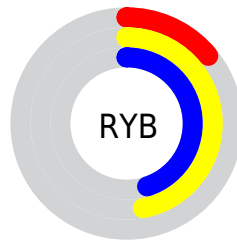
The CIELCh color **44, 56.073, 137.866** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **30, 55.447, 326.505**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 56.031, 137.675**, and **25, 46.502, 136.352** is the 20% darker color. If you saturate the color by 10%, you get **44, 61.451, 136.993**, and if you desaturate by 10%, it is **44, 49.527, 138.841**.

Distribution



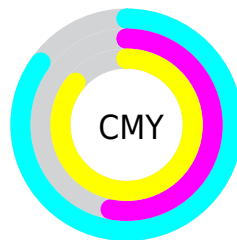
- Red (15%)
- Green (47%)
- Blue (14%)



- Red (14%)
- Yellow (47%)
- Blue (45%)



- Cyan (68%)
- Magenta (0%)
- Yellow (70%)
- Black (53%)



- Cyan (85%)
- Magenta (53%)
- Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 56.073, 137.866 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, 56.073, 137.866 by changing the saturation by 10% instead.


 44, 56.073,
137.866

 44, 56.073,
137.866


 100, 56.073,
137.866

 34, 56.073,
137.866

 64, 56.073,
137.866


 24, 56.073,
137.866

 74, 56.073,
137.866

 14, 56.073,
137.866

 84, 56.073,
137.866

 4, 56.073, 137.866

 94, 56.073,
137.866

 0, 56.073, 137.866

 44, 56.073,

 44, 56.073,

137.866

137.866

■ 44, 61.451,
136.993

■ 44, 49.527,
138.841

■ 43, 65.353,
136.343

■ 45, 42.127,
139.817

■ 43, 68.115,
135.759

■ 46, 34.149,
140.732

■ 47, 25.817,
141.557

■ 48, 17.310,
142.284

■ 49, 8.767, 142.919

■ 50, 0.290, 144.026

■ 52, 8.046, 323.874

■ 53, 16.193,

Harmonies

Complementary

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



44, 56.073, 137.866



30, 55.447, 326.505

Rectangle

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



44, 56.073, 137.866



44, 56.073, 187.866



44, 56.073, 317.866



44, 56.073, 7.866

Sweetspot

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



44, 56.073, 137.867



61, 22.182, 142.203



47, 43.621, 101.552



32, 15.135, 142.049



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



44, 56.073, 137.867



56, 77.392, 136.584



44, 40.707, 153.243



24, 4.693, 142.999



44, 69.337, 135.766



86, 117.788, 135.911

Inverse Universe

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



30, 55.447, 326.505



37, 75.653, 326.773



29, 41.824, 348.745



23, 4.703, 323.882



27, 67.245, 326.830



58, 114.020, 326.753

Previews

White Background



This preview shows how the CIELCh color 44, 56.073, 137.866 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, 56.073, 137.866 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, 56.073, 137.866

Background



This preview shows how black text looks on a background with the CIELCh color 44, 56.073, 137.866.



This preview shows how white text looks on a background with the CIELCh color 44, 56.073, 137.866.

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, 55.929, 137.679

Protanopia

44, 41.064, 95.934

Deuteranopia

44, 35.882, 80.093



Tritanopia
44, 18.014, 215.175

Trichromacy



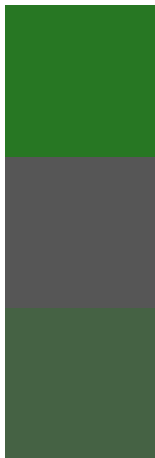
Original Color
44, 55.929, 137.679

Protanomaly
43, 43.692, 117.836

Deuteranomaly
43, 37.655, 111.996

Tritanomaly
44, 27.880, 163.864

Monochromacy



Original Color
44, 55.929, 137.679

Achromatopsia
37, 0.005, 296.813

Achromatomaly
39, 22.157, 141.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 56.073, 137.866 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(39, 119, 35)` looks like.

```
.text, #text, p{  
    color:rgb(39, 119, 35)  
}
```

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(39, 119, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 119, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 56.073, 137.866 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(39, 119, 35) }
```

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

```
.border{ border-color:rgb(39, 119, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 119, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 119, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 119, 35);  
box-shadow:4px 4px 4px 4px rgb(39, 119,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 56.073, 137.866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 119, 35) }
```

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

```
.background{ background-color: rgb(39, 119,  
35) }
```

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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