

Converting Colors

CIELCh(43, 53.015, 138.784)

Have a look what the booklet for
CIELCh(43, 53.015, 138.784)
contains.

CIELCh(43, 52.803, 138.865)	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(43, 52.803, 138.865)

Conversions

Conversions Part 1

Format	Color
Hex	277427
RGB	39, 116, 39
RGB Percent	15%, 45%, 15%
CMY	0.8455, 0.5437, 0.8458
CMYK	0.66, 0.00, 0.66, 0.54
HSL	120°, 49%, 31%
HSV	120°, 66%, 46%
XYZ	7.5086, 13.1578, 4.0914
YIQ	84.1990, -21.1750, -40.2710

Conversions

Conversions Part 2

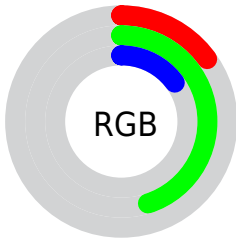
Format	Color
R_{YB}	39, 116, 116
Decimal	2585639
CIE _{Lab}	43.00, -39.77, 34.74
CIE _{LCh}	43, 52.803, 138.865
Yxy	13.1578, 0.3033, 0.5315
Android (android.graphics.Color)	4280775719 (0xFF277427)
YUV	84.1990, -22.2831, -39.6395
Hunter-Lab	36.2736, -26.5295, 18.7041

Details

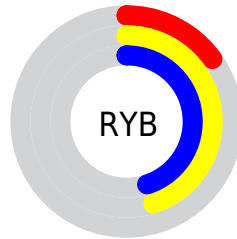
The CIELCh color **43, 52.803, 138.865** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **31, 52.143, 327.516**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 52.772, 139.102**, and **24, 45.498, 136.491** is the 20% darker color. If you saturate the color by 10%, you get **43, 58.555, 137.820**, and if you desaturate by 10%, it is **44, 46.006, 139.946**.

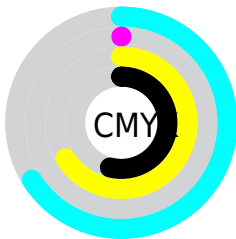
Distribution



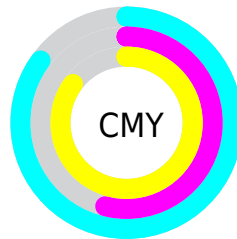
- Red (15%)
- Green (45%)
- Blue (15%)



- Red (15%)
- Yellow (45%)
- Blue (45%)



- Cyan (66%)
- Magenta (0%)
- Yellow (66%)
- Black (54%)





- Cyan (85%)
- Magenta (54%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 52.803, 138.865 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 43, 52.803, 138.865 by changing the saturation by 10% instead.


 43, 52.803,
138.865


 43, 52.803,
138.865


 100, 52.803,
138.865


 33, 52.803,
138.865

 63, 52.803,
138.865


 23, 52.803,
138.865

 73, 52.803,
138.865

 13, 52.803,
138.865

 83, 52.803,
138.865

 3, 52.803, 138.865

 93, 52.803,
138.865

 0, 52.803, 138.865

 43, 52.803,

 43, 52.803,

138.865

■ 43, 58.555,
137.820

■ 42, 62.953,
136.930

■ 42, 65.975,
136.265

■ 42, 67.087,
136.008

138.865

■ 44, 46.006,
139.946

■ 44, 38.458,
140.978

■ 45, 30.413,
141.918

■ 46, 22.082,
142.749

■ 47, 13.630,
143.473

■ 48, 5.185, 144.110

■ 49, 3.159, 324.548

■ 51, 11.335,
325.035

■ 52, 19.302,
325.423

Harmonies

Complementary

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



43, 52.803, 138.865



31, 52.143, 327.516

Rectangle

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



43, 52.803, 138.865



43, 52.803, 188.865



43, 52.803, 318.865



43, 52.803, 8.865

Sweetspot

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



43, 52.803, 138.866



59, 20.797, 143.174



47, 41.781, 103.596



31, 14.304, 143.012



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



43, 52.803, 138.866



54, 73.272, 137.368



44, 36.808, 155.552



24, 4.748, 143.934



44, 69.569, 136.009



86, 117.954, 136.013

Inverse Universe

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



31, 52.143, 327.516



37, 71.589, 327.914



29, 38.526, 350.143



23, 4.756, 324.860



28, 67.132, 328.191



59, 113.816, 328.189

Previews

White Background



This preview shows how the CIELCh color 43, 52.803, 138.865 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 43, 52.803, 138.865 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 43, 52.803, 138.865

Background



This preview shows how black text looks on a background with the CIELCh color 43, 52.803, 138.865.



This preview shows how white text looks on a background with the CIELCh color 43, 52.803, 138.865.

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
43, 52.803, 138.865

Protanopia
43, 37.945, 95.590

Deuteranopia
43, 33.047, 80.059



Tritanopia
43, 17.248, 216.122

Trichromacy



Original Color
43, 52.803, 138.865

Protanomaly
42, 40.545, 118.556

Deuteranomaly
42, 34.202, 112.311

Tritanomaly
43, 26.214, 164.598

Monochromacy



Original Color
43, 52.803, 138.865

Achromatopsia
36, 0.005, 296.813

Achromatomaly
38, 20.985, 142.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 52.803, 138.865 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, 116, 39)` looks like.

```
.text, #text, p{  
    color:rgb(39, 116, 39)  
}
```

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, 116, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 116, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 52.803, 138.865 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, 116, 39) }
```

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

```
.border{ border-color:rgb(39, 116, 39) }
```

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

Here you see how a box with a 4 pixel rgb(39, 116, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 116, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 116, 39);  
box-shadow:4px 4px 4px 4px rgb(39, 116,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 52.803, 138.865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 116, 39) }
```

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

```
.background{ background-color: rgb(39, 116,  
39) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor