

Converting Colors

CIELCh(43, 41.555, 137.121)

Have a look what the booklet for
CIELCh(43, 41.555, 137.121)
contains.

CIELCh(43, 41.594, 137.090)	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, 41.594, 137.090)

Conversions

Conversions Part 1

Format	Color
Hex	3D7134
RGB	61, 113, 52
RGB Percent	24%, 44%, 20%
CMY	0.7592, 0.5553, 0.7946
CMYK	0.46, 0.00, 0.54, 0.56
HSL	111°, 37%, 33%
HSV	111°, 54%, 44%
XYZ	8.5286, 13.1578, 5.3833
YIQ	90.4980, -11.4110, -29.9950

Conversions

Conversions Part 2

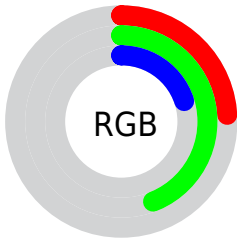
Format	Color
R_{YB}	52, 113, 104
Decimal	4026676
CIE _{Lab}	43.00, -30.46, 28.32
CIE _{LCh}	43, 41.594, 137.090
Yxy	13.1578, 0.3151, 0.4861
Android (android.graphics.Color)	4282216756 (0xFF3D7134)
YUV	90.4980, -18.9795, -25.8697
Hunter-Lab	36.2736, -21.5104, 16.5925

Details

The CIELCh color **43, 41.594, 137.090** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **31, 42.079, 322.569**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 41.484, 137.075**, and **23, 41.469, 136.962** is the 20% darker color. If you saturate the color by 10%, you get **42, 48.396, 136.368**, and if you desaturate by 10%, it is **44, 34.257, 137.819**.

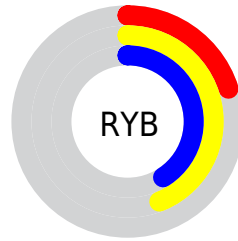
Distribution



Red (24%)

Green (44%)

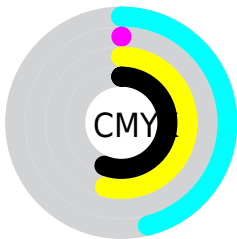
Blue (20%)



Red (20%)

Yellow (44%)

Blue (41%)

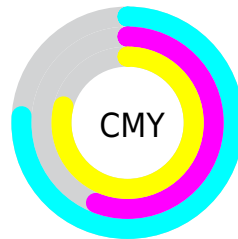


Cyan (46%)

Magenta (0%)

Yellow (54%)

Black (56%)



Cyan (76%)


Magenta (56%)


Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 41.594, 137.090 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, 41.594, 137.090 by changing the saturation by 10% instead.


 43, 41.594,
137.090


 43, 41.594,
137.090


 100, 41.594,
137.090


 33, 41.594,
137.090

 63, 41.594,
137.090


 23, 41.594,
137.090

 73, 41.594,
137.090

 13, 41.594,
137.090

 83, 41.594,
137.090

 3, 41.594, 137.090

 93, 41.594,
137.090

 0, 41.594, 137.090

 43, 41.594,

 43, 41.594,

137.090

137.090

■ 42, 48.396,
136.368

■ 44, 34.257,
137.819

■ 42, 54.404,
135.725

■ 44, 26.588,
138.508

■ 42, 59.317,
135.267

■ 45, 18.745,
139.137

■ 41, 62.900,
135.073

■ 46, 10.844,
139.700

■ 41, 64.838,
134.833

■ 47, 2.976, 140.224

■ 49, 4.797, 320.567

■ 50, 12.428,
320.951

■ 51, 19.889,
321.268

■ 52, 27.161,
321.539

Harmonies

Complementary

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



43, 41.594, 137.090



31, 42.079, 322.569

Rectangle

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



43, 41.594, 137.090



43, 41.594, 187.090



43, 41.594, 317.090



43, 41.594, 7.090

Sweetspot

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



43, 41.595, 137.091



59, 15.626, 139.559



44, 30.494, 97.478



30, 10.487, 139.475



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 41.595, 137.091



55, 60.838, 136.170



43, 33.680, 151.368



23, 4.363, 139.951



44, 67.493, 134.885



86, 115.941, 135.321

Inverse Universe

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



31, 42.079, 322.569



37, 61.375, 322.902



31, 34.191, 340.731



22, 4.382, 320.716



24, 66.873, 322.770



52, 114.321, 322.472

Previews

White Background



This preview shows how the CIELCh color 43, 41.594, 137.090 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, 41.594, 137.090 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, 41.594, 137.090

Background



This preview shows how black text looks on a background with the CIELCh color 43, 41.594, 137.090.



This preview shows how white text looks on a background with the CIELCh color 43, 41.594, 137.090.

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, 41.594, 137.090

Protanopia

43, 31.360, 95.759

Deuteranopia

43, 26.937, 77.674



Tritanopia
43, 12.738, 220.515

Trichromacy



Original Color
43, 41.594, 137.090

Protanomaly
43, 32.796, 115.315

Deuteranomaly
42, 27.548, 107.028

Tritanomaly
43, 18.927, 164.464

Monochromacy



Original Color
43, 41.594, 137.090

Achromatopsia
39, 0.005, 296.813

Achromatomaly
40, 15.691, 139.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 41.594, 137.090 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(61, 113, 52)` looks like.

```
.text, #text, p{  
    color:rgb(61, 113, 52)  
}
```

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(61, 113, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 113, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 41.594, 137.090 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(61, 113, 52) }
```

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

```
.border{ border-color:rgb(61, 113, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 113, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 113, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 113, 52);  
box-shadow:4px 4px 4px 4px rgb(61, 113,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 41.594, 137.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 113, 52) }
```

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

```
.background{ background-color: rgb(61, 113,  
52) }
```

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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