

Converting Colors

CIELCh(43, 64.057, 137.109)

Have a look what the booklet for
CIELCh(43, 64.057, 137.109)
contains.

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Color

CIELCh(43, 63.943, 137.142)

Conversions

Conversions Part 1

Format	Color
Hex	0E7610
RGB	14, 118, 16
RGB Percent	5%, 46%, 6%
CMY	0.9462, 0.5361, 0.9357
CMYK	0.88, 0.00, 0.86, 0.54
HSL	122°, 79%, 26%
HSV	122°, 88%, 46%
XYZ	6.7872, 13.1578, 2.6874
YIQ	75.2760, -29.2420, -53.7700

Conversions

Conversions Part 2

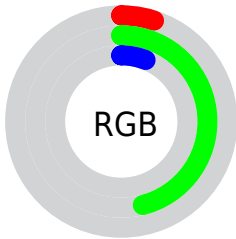
Format	Color
R_{YB}	14, 116, 118
Decimal	947728
CIE _{Lab}	43.00, -46.87, 43.49
CIE _{LCh}	43, 63.943, 137.142
Yxy	13.1578, 0.2999, 0.5814
Android (android.graphics.Color)	4279137808 (0xFF0E7610)
YUV	75.2760, -29.2231, -53.7391
Hunter-Lab	36.2736, -30.0796, 20.9989

Details

The CIELCh color **43, 63.943, 137.142** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **28, 61.589, 329.004**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 63.535, 137.171**, and **24, 46.003, 136.418** is the 20% darker color. If you saturate the color by 10%, you get **43, 66.872, 136.466**, and if you desaturate by 10%, it is **43, 59.702, 138.107**.

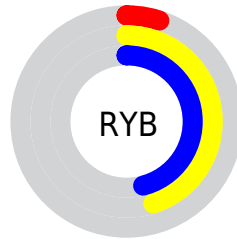
Distribution



Red (5%)

Green (46%)

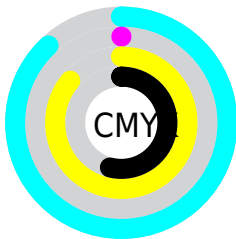
Blue (6%)



Red (5%)

Yellow (45%)

Blue (46%)

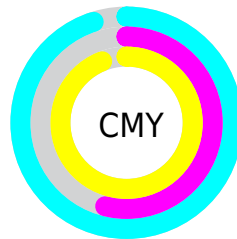


Cyan (88%)

Magenta (0%)

Yellow (86%)

Black (54%)



Cyan (95%)


Magenta (54%)

Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 63.943, 137.142 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, 63.943, 137.142 by changing the saturation by 10% instead.


 43, 63.943,
137.142


 43, 63.943,
137.142


 100, 63.943,
137.142


 33, 63.943,
137.142

 63, 63.943,
137.142


 23, 63.943,
137.142

 73, 63.943,
137.142

 13, 63.943,
137.142

 83, 63.943,
137.142

 3, 63.943, 137.142

 93, 63.943,
137.142

 0, 63.943, 137.142

 43, 63.943,

 43, 63.943,

137.142

137.142

■ 43, 66.872,
136.466

■ 43, 59.702,
138.107

■ 43, 67.321,
136.368

■ 44, 54.119,
139.214

■ 44, 47.480,
140.346

■ 45, 40.064,
141.424

■ 46, 32.120,
142.405

■ 46, 23.858,
143.272

■ 48, 15.446,
144.026

■ 49, 7.018, 144.685

Harmonies

Complementary

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



43, 63.943, 137.142



28, 61.589, 329.004

Rectangle

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



43, 63.943, 137.142



43, 63.943, 187.142



43, 63.943, 317.142



43, 63.943, 7.142

Sweetspot

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



43, 63.943, 137.143



59, 27.994, 143.332



48, 52.098, 104.134



30, 18.743, 143.121



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, 63.943, 137.143



55, 81.286, 136.277



44, 44.917, 153.255



24, 4.668, 144.646



44, 69.005, 136.354



86, 117.550, 136.158

Inverse Universe

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



28, 61.589, 329.004



36, 77.385, 329.259



25, 45.956, 357.901



23, 4.676, 325.581



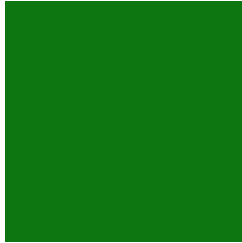
28, 65.845, 329.237



59, 111.513, 329.295

Previews

White Background



This preview shows how the CIELCh color 43, 63.943, 137.142 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 CIE LCh color 43, 63.943, 137.142 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, 63.943, 137.142

Background



This preview shows how black text looks on a background with the CIELCh color 43, 63.943, 137.142.



This preview shows how white text looks on a background with the CIELCh color 43, 63.943, 137.142.

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, 63.876, 137.069

Protanopia

43, 46.852, 95.268

Deuteranopia

43, 40.970, 82.107



Tritanopia
43, 19.620, 213.574

Trichromacy



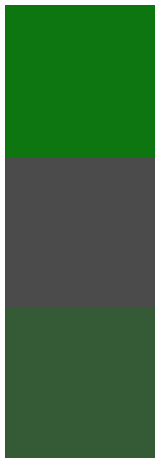
Original Color
43, 63.876, 137.069

Protanomaly
41, 50.266, 119.025

Deuteranomaly
41, 43.971, 115.146

Tritanomaly
42, 32.940, 161.376

Monochromacy



Original Color
43, 63.876, 137.069

Achromatopsia
32, 0.005, 296.813

Achromatomaly
35, 28.075, 142.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 63.943, 137.142 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(14, 118, 16)` looks like.

```
.text, #text, p{  
    color:rgb(14, 118, 16)  
}
```

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(14, 118, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 118, 16) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 63.943, 137.142 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(14, 118, 16) }
```

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

```
.border{ border-color:rgb(14, 118, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 118, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 118, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 118, 16);  
box-shadow:4px 4px 4px 4px rgb(14, 118,  
16) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 63.943, 137.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 118, 16) }
```

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

```
.background{ background-color: rgb(14, 118,  
16) }
```

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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