

Converting Colors

CIELCh(43, 60.056, 137.733)

Have a look what the booklet for
CIELCh(43, 60.056, 137.733)
contains.

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Color

CIELCh(43, 60.215, 137.774)

Conversions

Conversions Part 1

Format	Color
Hex	19761A
RGB	25, 118, 26
RGB Percent	10%, 46%, 10%
CMY	0.9039, 0.5385, 0.8993
CMYK	0.79, 0.00, 0.78, 0.54
HSL	121°, 66%, 28%
HSV	121°, 79%, 46%
XYZ	7.0138, 13.1578, 3.1284
YIQ	79.7050, -25.8960, -48.3280

Conversions

Conversions Part 2

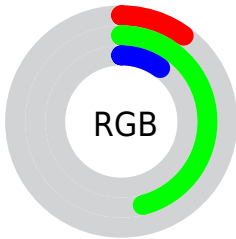
Format	Color
R _Y B	25, 117, 118
Decimal	1668634
CIE Lab	43.00, -44.59, 40.47
CIE LCh	43, 60.215, 137.774
Yxy	13.1578, 0.3010, 0.5647
Android (android.graphics.Color)	4279858714 (0xFF19761A)
YUV	79.7050, -26.4766, -47.9763
Hunter-Lab	36.2736, -28.9643, 20.2781

Details

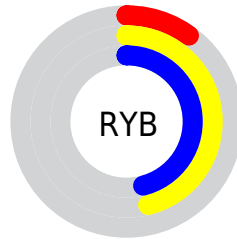
The CIELCh color **43, 60.215, 137.774** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **29, 58.742, 328.330**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 59.844, 137.775**, and **24, 46.003, 136.418** is the 20% darker color. If you saturate the color by 10%, you get **43, 64.255, 136.889**, and if you desaturate by 10%, it is **43, 54.769, 138.833**.

Distribution



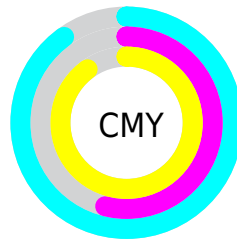
- Red (10%)
- Green (46%)
- Blue (10%)



- Red (10%)
- Yellow (46%)
- Blue (46%)



- Cyan (79%)
- Magenta (0%)
- Yellow (78%)
- Black (54%)




- Cyan (90%)
- Magenta (54%)
- Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 60.215, 137.774 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, 60.215, 137.774 by changing the saturation by 10% instead.

 43, 60.215,
137.774


 43, 60.215,
137.774


 100, 60.215,
137.774

 33, 60.215,
137.774


 63, 60.215,
137.774

 23, 60.215,
137.774


 73, 60.215,
137.774

 13, 60.215,
137.774

 83, 60.215,
137.774

 3, 60.215, 137.774

 93, 60.215,
137.774

 0, 60.215, 137.774


 43, 60.215,

 43, 60.215,

137.774


137.774


 43, 64.255,
136.889


 43, 54.769,
138.833

 43, 67.124,
136.244


 44, 48.208,
139.942

 43, 67.362,
136.190

 44, 40.829,
141.012

 45, 32.891,
141.993

 46, 24.612,
142.864

 47, 16.168,
143.624

 48, 7.699, 144.286

 50, 0.694, 324.563

Harmonies

Complementary

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



43, 60.215, 137.774



29, 58.742, 328.330

Rectangle

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



43, 60.215, 137.774



43, 60.215, 187.774



43, 60.215, 317.774



43, 60.215, 7.774

Sweetspot

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



43, 60.215, 137.775



60, 25.109, 143.225



48, 48.761, 103.612



30, 17.145, 143.005



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, 60.215, 137.775



55, 80.273, 136.380



44, 42.098, 154.173



24, 4.709, 144.295



44, 69.294, 136.182



86, 117.758, 136.086

Inverse Universe

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



29, 58.742, 328.330



36, 77.139, 328.663



27, 43.631, 354.024



23, 4.717, 325.226



28, 66.497, 328.718



59, 112.679, 328.746

Previews

White Background



This preview shows how the CIELCh color 43, 60.215, 137.774 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, 60.215, 137.774 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, 60.215, 137.774

Background



This preview shows how black text looks on a background with the CIELCh color 43, 60.215, 137.774.



This preview shows how white text looks on a background with the CIELCh color 43, 60.215, 137.774.

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, 60.215, 137.774

Protanopia

43, 43.827, 95.192

Deuteranopia

43, 38.552, 81.912



Tritanopia
43, 19.173, 214.004

Trichromacy



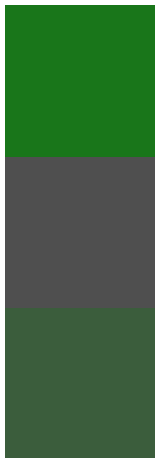
Original Color
43, 60.215, 137.774

Protanomaly
42, 46.838, 118.841

Deuteranomaly
41, 40.816, 114.374

Tritanomaly
43, 30.592, 162.665

Monochromacy



Original Color
43, 60.215, 137.774

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 25.057, 142.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 60.215, 137.774 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(25, 118, 26)` looks like.

```
.text, #text, p{  
    color:rgb(25, 118, 26)  
}
```

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(25, 118, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 118, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 60.215, 137.774 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(25, 118, 26) }
```

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

```
.border{ border-color:rgb(25, 118, 26) }
```

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

Here you see how a box with a 4 pixel rgb(25, 118, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 118, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 118, 26);  
box-shadow:4px 4px 4px 4px rgb(25, 118,  
26) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 60.215, 137.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 118, 26) }
```

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

```
.background{ background-color: rgb(25, 118,  
26) }
```

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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