

Converting Colors

CIELCh(43, 43.615, 151.380)

Have a look what the booklet for
CIELCh(43, 43.615, 151.380)
contains.

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Color

CIELCh(43, 43.603, 151.275)

Conversions

Conversions Part 1

Format	Color
Hex	1A7441
RGB	26, 116, 65
RGB Percent	10%, 45%, 25%
CMY	0.8966, 0.5441, 0.7442
CMYK	0.77, 0.00, 0.44, 0.54
HSL	146°, 63%, 28%
HSV	146°, 77%, 46%
XYZ	7.6706, 13.1578, 7.1712
YIQ	83.2760, -37.2690, -34.9410

Conversions

Conversions Part 2

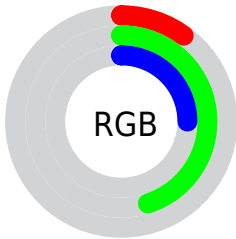
Format	Color
R_{YB}	26, 89, 116
Decimal	1733697
CIE _{Lab}	43.00, -38.24, 20.96
CIE _{LCh}	43, 43.603, 151.275
Y _{xy}	13.1578, 0.2740, 0.4699
Android (android.graphics.Color)	4279923777 (0xFF1A7441)
YUV	83.2760, -9.0101, -50.2311
Hunter-Lab	36.2736, -25.7322, 13.6701

Details

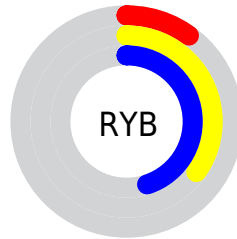
The CIELCh color **43, 43.603, 151.275** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **27, 43.919, 348.837**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 43.426, 151.462**, and **24, 37.869, 144.229** is the 20% darker color. If you saturate the color by 10%, you get **43, 47.639, 149.415**, and if you desaturate by 10%, it is **43, 39.031, 152.947**.

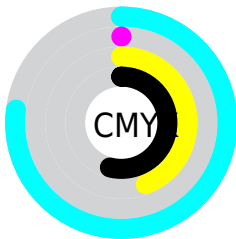
Distribution



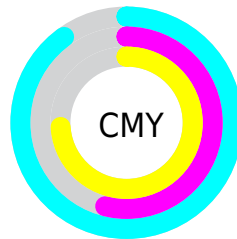
- Red (10%)
- Green (45%)
- Blue (25%)



- Red (10%)
- Yellow (35%)
- Blue (45%)



- Cyan (77%)
- Magenta (0%)
- Yellow (44%)
- Black (54%)





- Cyan (90%)
- Magenta (54%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 43.603, 151.275 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, 43.603, 151.275 by changing the saturation by 10% instead.


 43, 43.603,
151.275


 43, 43.603,
151.275


 100, 43.603,
151.275


 33, 43.603,
151.275

 63, 43.603,
151.275


 23, 43.603,
151.275

 73, 43.603,
151.275

 13, 43.603,
151.275

 83, 43.603,
151.275

 3, 43.603, 151.275

 93, 43.603,
151.275

 0, 43.603, 151.275

 43, 43.603,

 43, 43.603,

151.275

■ 43, 47.639,
149.415

■ 42, 51.209,
147.472

■ 42, 52.143,
146.996

151.275

■ 43, 39.031,
152.947

■ 44, 33.973,
154.433

■ 45, 28.510,
155.746

■ 45, 22.737,
156.905

■ 46, 16.750,
157.932

■ 47, 10.641,
158.849

■ 48, 4.488, 159.693

■ 49, 1.642, 340.209

Harmonies

Complementary

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



43, 43.603, 151.275



27, 43.919, 348.837

Rectangle

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



43, 43.603, 151.275



43, 43.603, 201.275



43, 43.603, 331.275



43, 43.603, 21.275

Sweetspot

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



43, 43.603, 151.275



59, 17.439, 158.286



45, 50.861, 123.265



30, 12.153, 158.009



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, 43.603, 151.275



55, 60.822, 147.801



44, 27.336, 186.863



24, 3.479, 159.548



45, 54.256, 146.862



87, 94.634, 145.543

Inverse Universe

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



27, 43.919, 348.837



33, 57.518, 353.084



26, 43.485, 26.086



23, 3.510, 340.803



26, 50.394, 354.408



54, 84.713, 356.469

Previews

White Background



This preview shows how the CIELCh color 43, 43.603, 151.275 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, 43.603, 151.275 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, 43.603, 151.275

Background



This preview shows how black text looks on a background with the CIELCh color 43, 43.603, 151.275.



This preview shows how white text looks on a background with the CIELCh color 43, 43.603, 151.275.

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, 43.603, 151.275

Protanopia
43, 25.274, 95.639

Deuteranopia
43, 19.894, 73.351



Tritanopia
43, 20.052, 213.173

Trichromacy



Original Color
43, 43.603, 151.275

Protanomaly
42, 29.603, 130.162

Deuteranomaly
42, 22.691, 126.549

Tritanomaly
43, 25.478, 178.494

Monochromacy



Original Color
43, 43.603, 151.275

Achromatopsia
36, 0.005, 296.813

Achromatomaly
38, 18.055, 156.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 43.603, 151.275 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(26, 116, 65)` looks like.

```
.text, #text, p{  
    color:rgb(26, 116, 65)  
}
```

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(26, 116, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 116, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 43.603, 151.275 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(26, 116, 65) }
```

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

```
.border{ border-color:rgb(26, 116, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 116, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 116, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 116, 65);  
box-shadow:4px 4px 4px 4px rgb(26, 116,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 43.603, 151.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 116, 65) }
```

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

```
.background{ background-color: rgb(26, 116,  
65) }
```

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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