

Converting Colors

CIELCh(43, 37.436, 153.560)

Have a look what the booklet for
CIELCh(43, 37.436, 153.560)
contains.

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Color

CIELCh(43, 37.424, 153.638)

Conversions

Conversions Part 1

Format	Color
Hex	287349
RGB	40, 115, 73
RGB Percent	16%, 45%, 29%
CMY	0.8437, 0.5495, 0.7142
CMYK	0.65, 0.00, 0.37, 0.55
HSL	146°, 48%, 30%
HSV	146°, 65%, 45%
XYZ	8.1827, 13.1578, 8.3899
YIQ	87.7870, -31.2180, -28.9620

Conversions

Conversions Part 2

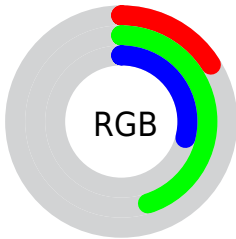
Format	Color
RYB	40, 92, 115
Decimal	2650953
CIELab	43.00, -33.53, 16.62
CIElCh	43, 37.424, 153.638
Yxy	13.1578, 0.2752, 0.4426
Android (android.graphics.Color)	4280841033 (0xFF287349)
YUV	87.7870, -7.2900, -41.9092
Hunter-Lab	36.2736, -23.2123, 11.6781

Details

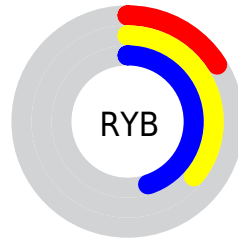
The CIELCh color **43, 37.424, 153.638** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **29, 38.559, 347.245**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 37.571, 153.556**, and **24, 33.669, 149.273** is the 20% darker color. If you saturate the color by 10%, you get **43, 42.019, 152.004**, and if you desaturate by 10%, it is **44, 32.367, 155.087**.

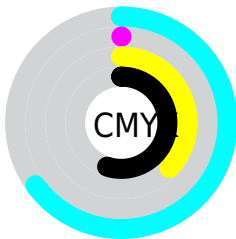
Distribution



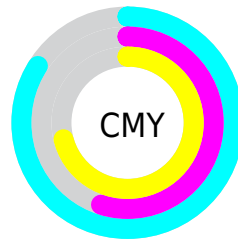
- Red (16%)
- Green (45%)
- Blue (29%)



- Red (16%)
- Yellow (36%)
- Blue (45%)



- Cyan (65%)
- Magenta (0%)
- Yellow (37%)
- Black (55%)



- Cyan (84%)
- Magenta (55%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 37.424, 153.638 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, 37.424, 153.638 by changing the saturation by 10% instead.


 43, 37.424,
153.638


 43, 37.424,
153.638


 100, 37.424,
153.638


 33, 37.424,
153.638

 63, 37.424,
153.638


 23, 37.424,
153.638

 73, 37.424,
153.638

 13, 37.424,
153.638

 83, 37.424,
153.638

 3, 37.424, 153.638

 93, 37.424,
153.638

 0, 37.424, 153.638

 43, 37.424,

 43, 37.424,

153.638

153.638

■ 43, 42.019,
152.004

■ 44, 32.367,
155.087

■ 42, 46.094,
150.181

■ 44, 26.928,
156.368

■ 42, 49.668,
148.222

■ 45, 21.202,
157.499

■ 42, 51.283,
147.375

■ 46, 15.283,
158.504

■ 47, 9.257, 159.405

■ 48, 3.201, 160.255

■ 49, 2.824, 340.804

■ 50, 8.770, 341.520

■ 52, 14.604,
342.130

Harmonies

Complementary

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



43, 37.424, 153.638



29, 38.559, 347.245

Rectangle

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



43, 37.424, 153.638



43, 37.424, 203.638



43, 37.424, 333.638



43, 37.424, 23.638

Sweetspot

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



43, 37.424, 153.638



60, 15.083, 158.946



45, 44.261, 123.947



31, 10.366, 158.743



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, 37.424, 153.638



55, 53.502, 151.161



44, 24.339, 189.561



24, 3.458, 159.933



45, 53.857, 147.209



87, 93.937, 145.884

Inverse Universe

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



29, 38.559, 347.245



35, 53.717, 349.905



28, 36.434, 23.393



23, 3.490, 341.196



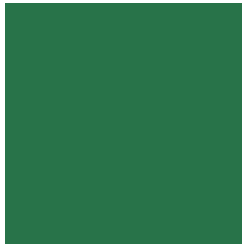
26, 50.244, 355.083



54, 84.490, 357.200

Previews

White Background



This preview shows how the CIELCh color 43, 37.424, 153.638 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, 37.424, 153.638 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, 37.424, 153.638

Background



This preview shows how black text looks on a background with the CIELCh color 43, 37.424, 153.638.



This preview shows how white text looks on a background with the CIELCh color 43, 37.424, 153.638.

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, 37.424, 153.638

Protanopia

43, 20.653, 95.448

Deuteranopia

43, 15.826, 68.745



Tritanopia
43, 18.466, 214.746

Trichromacy



Original Color
43, 37.424, 153.638

Protanomaly
42, 24.008, 130.793

Deuteranomaly
42, 17.133, 127.274

Tritanomaly
43, 22.385, 182.717

Monochromacy



Original Color
43, 37.424, 153.638

Achromatopsia
37, 0.005, 296.813

Achromatomaly
39, 14.841, 159.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 37.424, 153.638 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(40, 115, 73)` looks like.

```
.text, #text, p{  
    color:rgb(40, 115, 73)  
}
```

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(40, 115, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 115, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 37.424, 153.638 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(40, 115, 73) }
```

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

```
.border{ border-color:rgb(40, 115, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 115, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 115, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 115, 73);  
box-shadow:4px 4px 4px 4px rgb(40, 115,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 37.424, 153.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 115, 73) }
```

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

```
.background{ background-color: rgb(40, 115,  
73) }
```

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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