

Converting Colors

CIELCh(41, 51.570, 170.312)

Have a look what the booklet for
CIELCh(41, 51.570, 170.312)
contains.

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Color

CIELCh(43, 38.432, 163.192)

Conversions

Conversions Part 1

Format	Color
Hex	037452
RGB	3, 116, 82
RGB Percent	1%, 45%, 32%
CMY	0.9889, 0.5444, 0.6781
CMYK	0.98, 0.00, 0.29, 0.54
HSL	162°, 95%, 23%
HSV	162°, 98%, 46%
XYZ	7.8258, 13.1578, 10.1254
YIQ	78.3370, -56.4340, -34.5300

Conversions

Conversions Part 2

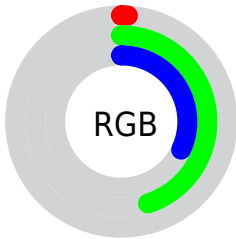
Format	Color
RYB	3, 70, 116
Decimal	226386
CIELab	43.00, -36.79, 11.11
CIELCh	43, 38.432, 163.192
Yxy	13.1578, 0.2516, 0.4230
Android (android.graphics.Color)	4278416466 (0xFF037452)
YUV	78.3370, 1.8059, -66.0705
Hunter-Lab	36.2736, -24.9688, 8.8414

Details

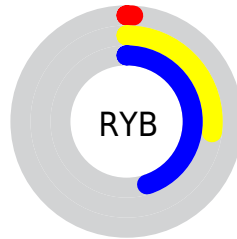
The CIELCh color **43, 38.432, 163.192** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **23, 47.660, 17.466**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 38.566, 162.843**, and **24, 30.485, 154.879** is the 20% darker color. If you saturate the color by 10%, you get **43, 38.966, 162.764**, and if you desaturate by 10%, it is **43, 36.224, 165.059**.

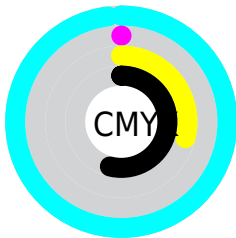
Distribution



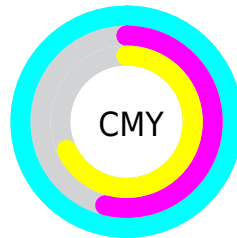
- Red (1%)
- Green (45%)
- Blue (32%)



- Red (1%)
- Yellow (27%)
- Blue (45%)



- Cyan (98%)
- Magenta (0%)
- Yellow (29%)
- Black (54%)





- Cyan (99%)
- Magenta (54%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 38.432, 163.192 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, 38.432, 163.192 by changing the saturation by 10% instead.


 43, 38.432,
163.192


 43, 38.432,
163.192


 100, 38.432,
163.192


 33, 38.432,
163.192

 63, 38.432,
163.192


 23, 38.432,
163.192

 73, 38.432,
163.192

 13, 38.432,
163.192

 83, 38.432,
163.192

 3, 38.432, 163.192

 93, 38.432,
163.192

 0, 38.432, 163.192

 43, 38.432,

 43, 38.432,

163.192

163.192

■ 43, 38.966,
162.764

■ 43, 36.224,
165.059

■ 43, 33.627,
166.821

■ 44, 30.525,
168.407

■ 44, 26.936,
169.833

■ 45, 22.910,
171.121

■ 46, 18.514,
172.292

■ 46, 13.825,
173.366

■ 47, 8.921, 174.366

Harmonies

Complementary

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



43, 38.432, 163.192



23, 47.660, 17.466

Rectangle

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



43, 38.432, 163.192



43, 38.432, 213.192



43, 38.432, 343.192



43, 38.432, 33.192

Sweetspot

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



43, 38.432, 163.191



59, 17.911, 173.142



43, 63.060, 132.254



30, 12.315, 172.778



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, 38.432, 163.191



55, 47.412, 162.176



37, 24.205, 229.654



24, 2.900, 175.187



45, 40.533, 162.635



88, 70.125, 161.352

Inverse Universe

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



23, 47.660, 17.466



31, 58.830, 20.036



25, 52.574, 42.221



23, 2.973, 356.655



25, 50.371, 18.819



53, 86.883, 22.218

Previews

White Background



This preview shows how the CIELCh color 43, 38.432, 163.192 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, 38.432, 163.192 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, 38.432, 163.192

Background



This preview shows how black text looks on a background with the CIELCh color 43, 38.432, 163.192.



This preview shows how white text looks on a background with the CIELCh color 43, 38.432, 163.192.

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, 38.361, 163.213

Protanopia
43, 15.950, 94.653

Deuteranopia
43, 10.799, 57.609



Tritanopia
43, 22.206, 211.380

Trichromacy



Original Color
43, 38.361, 163.213

Protanomaly
42, 23.311, 148.547

Deuteranomaly
41, 16.692, 154.030

Tritanomaly
43, 26.631, 187.227

Monochromacy



Original Color
43, 38.361, 163.213

Achromatopsia
33, 0.005, 296.813

Achromatomaly
36, 18.124, 170.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 38.432, 163.192 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(3, 116, 82)` looks like.

```
.text, #text, p{  
    color:rgb(3, 116, 82)  
}
```

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(3, 116, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 116, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 38.432, 163.192 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(3, 116, 82) }
```

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

```
.border{ border-color:rgb(3, 116, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 116, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 116, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 116, 82);  
box-shadow:4px 4px 4px 4px rgb(3, 116, 82)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 38.432, 163.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 116, 82) }
```

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

```
.background{ background-color: rgb(3, 116,  
82) }
```

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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