

Converting Colors

CIELCh(43, 37.108, 165.497)

Have a look what the booklet for
CIELCh(43, 37.108, 165.497)
contains.

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Color

CIELCh(43, 37.158, 165.347)

Conversions

Conversions Part 1

Format	Color
Hex	037455
RGB	3, 116, 85
RGB Percent	1%, 45%, 33%
CMY	0.9885, 0.5452, 0.6668
CMYK	0.97, 0.00, 0.27, 0.55
HSL	164°, 95%, 23%
HSV	164°, 97%, 45%
XYZ	7.9169, 13.1578, 10.7108
YIQ	78.6790, -57.3970, -33.5970

Conversions

Conversions Part 2

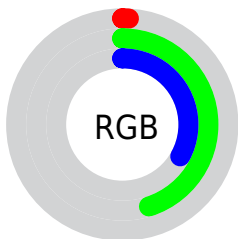
Format	Color
RYB	3, 68, 116
Decimal	226389
CIELab	43.00, -35.95, 9.40
CIELCh	43, 37.158, 165.347
Yxy	13.1578, 0.2491, 0.4140
Android (android.graphics.Color)	4278416469 (0xFF037455)
YUV	78.6790, 3.1163, -66.3705
Hunter-Lab	36.2736, -24.5205, 7.8846

Details

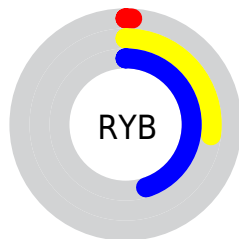
The CIELCh color **43, 37.158, 165.347** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **23, 48.046, 19.748**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 37.118, 165.512**, and **24, 29.076, 157.513** is the 20% darker color. If you saturate the color by 10%, you get **43, 37.675, 164.913**, and if you desaturate by 10%, it is **43, 35.103, 167.160**.

Distribution



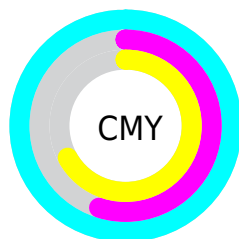
- Red (1%)
- Green (45%)
- Blue (33%)



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



- Cyan (97%)
- Magenta (0%)
- Yellow (27%)
- Black (55%)





- Cyan (99%)
- Magenta (55%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 37.158, 165.347 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, 37.158, 165.347 by changing the saturation by 10% instead.


 43, 37.158,
165.347


 43, 37.158,
165.347


 100, 37.158,
165.347


 33, 37.158,
165.347

 63, 37.158,
165.347


 23, 37.158,
165.347

 73, 37.158,
165.347

 13, 37.158,
165.347

 83, 37.158,
165.347

 3, 37.158, 165.347

 93, 37.158,
165.347

 0, 37.158, 165.347

 43, 37.158,

 43, 37.158,

165.347

165.347

■ 43, 37.675,
164.913

■ 43, 35.103,
167.160

■ 43, 32.656,
168.869

■ 44, 29.699,
170.408

■ 44, 26.252,
171.795

■ 45, 22.359,
173.051

■ 45, 18.089,
174.198

■ 46, 13.515,
175.257

■ 47, 8.716, 176.246

Harmonies

Complementary

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



43, 37.158, 165.347



23, 48.046, 19.748

Rectangle

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



43, 37.158, 165.347



43, 37.158, 215.347



43, 37.158, 345.347



43, 37.158, 35.347

Sweetspot

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



43, 37.158, 165.346



59, 17.589, 175.024



43, 63.452, 132.923



30, 12.087, 174.665



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, 37.158, 165.346



55, 45.866, 164.339



36, 24.423, 236.486



24, 2.856, 177.054



45, 39.233, 164.783



88, 67.770, 163.538

Inverse Universe

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



23, 48.046, 19.748



31, 59.575, 22.391



25, 51.748, 43.649



23, 2.935, 358.519



25, 50.950, 21.165



53, 88.160, 24.574

Previews

White Background



This preview shows how the CIE LCh color 43, 37.158, 165.347 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, 37.158, 165.347 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, 37.158, 165.347

Background



This preview shows how black text looks on a background with the CIELCh color 43, 37.158, 165.347.



This preview shows how white text looks on a background with the CIELCh color 43, 37.158, 165.347.

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, 37.158, 165.347

Protanopia
43, 14.107, 95.190

Deuteranopia
43, 9.271, 55.503



Tritanopia
43, 22.377, 211.252

Trichromacy



Original Color
43, 37.158, 165.347

Protanomaly
42, 21.240, 151.873

Deuteranomaly
42, 16.384, 158.671

Tritanomaly
43, 26.535, 188.533

Monochromacy



Original Color
43, 37.158, 165.347

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 17.454, 173.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 37.158, 165.347 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, 85)` looks like.

```
.text, #text, p{  
    color:rgb(3, 116, 85)  
}
```

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, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 116, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 37.158, 165.347 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, 85) }
```

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

```
.border{ border-color:rgb(3, 116, 85) }
```

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, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 116, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 116, 85);  
box-shadow:4px 4px 4px 4px rgb(3, 116, 85)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 37.158, 165.347 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, 85) }
```

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

```
.background{ background-color: rgb(3, 116,  
85) }
```

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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