

Converting Colors

CIELCh(43, 73.862, 47.442)

Have a look what the booklet for
CIELCh(43, 73.862, 47.442) contains.

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Color

CIELCh(43, 73.965, 47.384)

Conversions

Conversions Part 1

Format	Color
Hex	B93801
RGB	185, 56, 1
RGB Percent	73%, 22%, 0%
CMY	0.2743, 0.7801, 0.9959
CMYK	0.00, 0.70, 0.99, 0.27
HSL	18°, 99%, 36%
HSV	18°, 99%, 73%
XYZ	21.4448, 13.1578, 1.4396
YIQ	88.3010, 94.5390, 10.2430

Conversions

Conversions Part 2

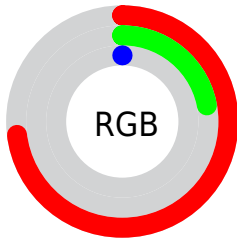
Format	Color
RYB	185, 79, 1
Decimal	12138497
CIELab	43.00, 50.08, 54.43
CIElCh	43, 73.965, 47.384
Yxy	13.1578, 0.5950, 0.3651
Android (android.graphics.Color)	4290328577 (0xFFB93801)
YUV	88.3010, -43.0394, 84.8050
Hunter-Lab	36.2736, 42.0496, 23.0384

Details

The CIELCh color **43, 73.965, 47.384** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **51, 38.300, 255.661**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 74.057, 47.278**, and **24, 59.286, 38.033** is the 20% darker color. If you saturate the color by 10%, you get **43, 74.355, 47.373**, and if you desaturate by 10%, it is **45, 67.259, 48.238**.

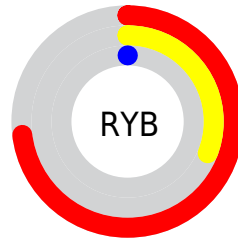
Distribution



Red (73%)

Green (22%)

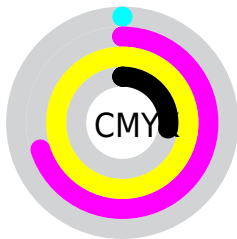
Blue (0%)



Red (73%)

Yellow (31%)

Blue (0%)

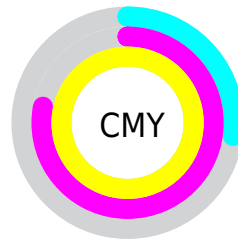


Cyan (0%)

Magenta (70%)

Yellow (99%)

Black (27%)



Cyan (27%)

Magenta (78%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 73.965, 47.384 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, 73.965, 47.384 by changing the saturation by 10% instead.

■ 43, 73.965, 47.384

■ 43, 73.965, 47.384

■ 100, 73.965,
47.384

■ 33, 73.965, 47.384

■ 63, 73.965, 47.384

■ 23, 73.965, 47.384

■ 73, 73.965, 47.384

■ 13, 73.965, 47.384

■ 83, 73.965, 47.384

■ 3, 73.965, 47.384

■ 93, 73.965, 47.384

■ 0, 73.965, 47.384

■ 43, 73.965, 47.384

■ 43, 73.965, 47.384

■ 43, 74.355, 47.373

■ 45, 67.259, 48.238

■ 48, 59.153, 48.620

50, 50.428, 48.715

54, 41.773, 48.801

57, 33.493, 48.982

60, 25.711, 49.284

64, 18.460, 49.697

68, 11.728, 50.197

72, 5.481, 50.739

Harmonies

Complementary

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



43, 73.965, 47.384



51, 38.300, 255.661

Rectangle

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



43, 73.965, 47.384



43, 73.965, 97.384



43, 73.965, 227.384



43, 73.965, 277.384

Sweetspot

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



43, 73.962, 47.386



81, 23.315, 49.648



41, 73.297, 343.578



41, 16.157, 49.468



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43, 73.962, 47.386



55, 90.824, 46.838



62, 66.563, 86.499



37, 3.271, 50.745



36, 65.075, 47.823



4, 8.932, 41.646

Inverse Universe

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



51, 38.300, 255.661



65, 47.016, 256.834



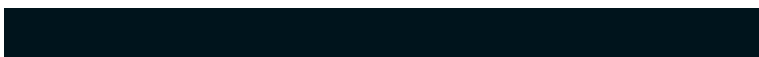
27, 89.817, 301.741



37, 3.113, 232.207



43, 33.590, 255.186



5, 8.677, 244.918

Previews

White Background



This preview shows how the CIELCh color 43, 73.965, 47.384 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, 73.965, 47.384 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, 73.965, 47.384

Background



This preview shows how black text looks on a background with the CIELCh color 43, 73.965, 47.384.



This preview shows how white text looks on a background with the CIELCh color 43, 73.965, 47.384.

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, 73.965, 47.384

Protanopia

43, 44.893, 95.980

Deuteranopia

43, 50.727, 84.258



Tritanopia
43, 61.324, 29.496

Trichromacy



Original Color
43, 73.965, 47.384

Protanomaly
42, 49.614, 69.941

Deuteranomaly
42, 55.971, 65.559

Tritanomaly
43, 66.621, 38.410

Monochromacy



Original Color
43, 73.965, 47.384

Achromatopsia
37, 0.005, 296.813

Achromatomaly
37, 26.755, 48.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 73.965, 47.384 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(185, 56, 1)` looks like.

```
.text, #text, p{  
    color:rgb(185, 56, 1)  
}
```

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(185, 56, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 56, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 73.965, 47.384 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(185, 56, 1) }
```

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

```
.border{ border-color:rgb(185, 56, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 56, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 56, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 56, 1);  
box-shadow:4px 4px 4px 4px rgb(185, 56, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 73.965, 47.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 56, 1) }
```

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

```
.background{ background-color: rgb(185, 56,  
1) }
```

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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