

Converting Colors

CIELCh(43, 66.757, 89.729)

Have a look what the booklet for
CIELCh(43, 66.757, 89.729) contains.

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Color

CIELCh(43, 50.218, 88.317)

Conversions

Conversions Part 1

Format	Color
Hex	7C6300
RGB	124, 99, 0
RGB Percent	49%, 39%, 0%
CMY	0.5146, 0.6125, 1.0000
CMYK	0.00, 0.20, 1.00, 0.51
HSL	48°, 100%, 24%
HSV	48°, 100%, 49%
XYZ	12.7249, 13.1578, 1.8621
YIQ	95.1890, 46.6790, -25.4890

Conversions

Conversions Part 2

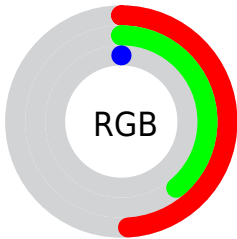
Format	Color
R_{YB}	31, 124, 0
Decimal	8151808
CIE Lab	43.00, 1.47, 50.20
CIE LCh	43, 50.218, 88.317
Yxy	13.1578, 0.4586, 0.4742
Android (android.graphics.Color)	4286341888 (0xFF7C6300)
YUV	95.1890, -46.9282, 25.2672
Hunter-Lab	36.2736, -0.8605, 22.3480

Details

The CIELCh color **43, 50.218, 88.317** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **16, 66.341, 301.443**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 50.247, 88.254**, and **23, 32.248, 86.186** is the 20% darker color. If you saturate the color by 10%, you get **43, 50.156, 88.311**, and if you desaturate by 10%, it is **44, 47.645, 89.635**.

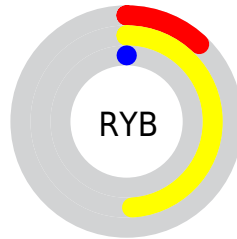
Distribution



Red (49%)

Green (39%)

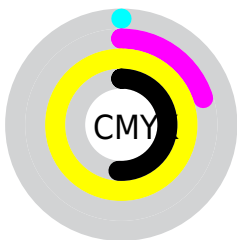
Blue (0%)



Red (12%)

Yellow (49%)

Blue (0%)

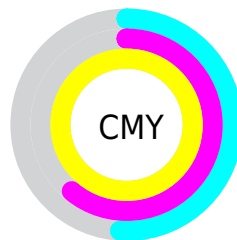


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (51%)



Cyan (51%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 50.218, 88.317 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, 50.218, 88.317 by changing the saturation by 10% instead.

■ 43, 50.218, 88.317

■ 43, 50.218, 88.317

■ 100, 50.218,
88.317

■ 33, 50.218, 88.317

■ 63, 50.218, 88.317

■ 23, 50.218, 88.317

■ 73, 50.218, 88.317

■ 13, 50.218, 88.317

■ 83, 50.218, 88.317

■ 3, 50.218, 88.317

■ 93, 50.218, 88.317

■ 0, 50.218, 88.317

■ 43, 50.218, 88.317

■ 43, 50.218, 88.317

■ 43, 50.156, 88.311

■ 44, 47.645, 89.635

■ 45, 44.339, 90.936

■ 45, 39.914, 92.177

■ 46, 34.772, 93.390

■ 47, 29.216, 94.589

■ 48, 23.444, 95.775

■ 49, 17.579, 96.943

■ 50, 11.692, 98.088

■ 51, 5.822, 99.197

Harmonies

Complementary

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



43, 50.218, 88.317



16, 66.341, 301.443

Rectangle

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



43, 50.218, 88.317



43, 50.218, 138.317



43, 50.218, 268.317



43, 50.218, 318.317

Sweetspot

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



43, 50.156, 88.311



62, 21.760, 96.860



25, 52.967, 26.057



32, 14.966, 96.455



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



43, 50.156, 88.311



55, 60.499, 87.908



48, 59.392, 118.588



25, 3.247, 99.298



43, 50.489, 88.295



83, 84.595, 87.385

Inverse Universe

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



16, 66.341, 301.443



22, 81.931, 302.102



14, 75.947, 308.424



24, 3.282, 281.351



16, 66.846, 301.470



37, 117.834, 302.872

Previews

White Background



This preview shows how the CIELCh color 43, 50.218, 88.317 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, 50.218, 88.317 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, 50.218, 88.317

Background



This preview shows how black text looks on a background with the CIELCh color 43, 50.218, 88.317.



This preview shows how white text looks on a background with the CIELCh color 43, 50.218, 88.317.

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, 50.218, 88.317

Protanopia

43, 48.412, 95.351

Deuteranopia

43, 48.744, 83.820



Tritanopia
43, 16.394, 7.064

Trichromacy



Original Color
43, 50.218, 88.317

Protanomaly
43, 48.902, 92.957

Deuteranomaly
43, 49.261, 85.775

Tritanomaly
43, 24.794, 67.795

Monochromacy



Original Color
43, 50.218, 88.317

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 21.967, 95.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 50.218, 88.317 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(124, 99, 0)` looks like.

```
.text, #text, p{  
    color:rgb(124, 99, 0)  
}
```

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(124, 99, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 99, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 50.218, 88.317 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(124, 99, 0) }
```

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

```
.border{ border-color:rgb(124, 99, 0) }
```

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

Here you see how a box with a 4 pixel rgb(124, 99, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 99, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 99, 0);  
box-shadow:4px 4px 4px 4px rgb(124, 99, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 50.218, 88.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 99, 0) }
```

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

```
.background{ background-color: rgb(124, 99,  
0) }
```

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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