

Converting Colors

CIELCh(43, 48.694, 96.002)

Have a look what the booklet for
CIELCh(43, 48.694, 96.002) contains.

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Color

CIELCh(43, 48.582, 95.939)

Conversions

Conversions Part 1

Format	Color
Hex	726605
RGB	114, 102, 5
RGB Percent	45%, 40%, 2%
CMY	0.5519, 0.5990, 0.9790
CMYK	0.00, 0.11, 0.95, 0.55
HSL	53°, 91%, 23%
HSV	53°, 95%, 45%
XYZ	11.7790, 13.1578, 2.0728
YIQ	94.5300, 38.2890, -27.6230

Conversions

Conversions Part 2

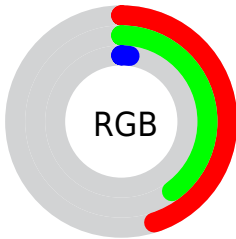
Format	Color
R_YB	18, 114, 5
Decimal	7497221
CIE Lab	43.00, -5.03, 48.32
CIE LCh	43, 48.582, 95.939
Yxy	13.1578, 0.4361, 0.4872
Android (android.graphics.Color)	4285687301 (0xFF726605)
YUV	94.5300, -44.1383, 17.0752
Hunter-Lab	36.2736, -5.5151, 22.0035

Details

The CIELCh color **43, 48.582, 95.939** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **14, 65.405, 303.162**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 48.888, 96.221**, and **23, 32.153, 97.344** is the 20% darker color. If you saturate the color by 10%, you get **43, 49.763, 95.558**, and if you desaturate by 10%, it is **43, 46.036, 96.787**.

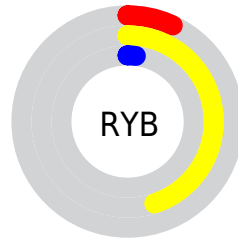
Distribution



Red (45%)

Green (40%)

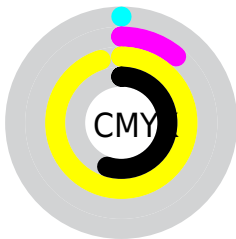
Blue (2%)



Red (7%)

Yellow (45%)

Blue (2%)

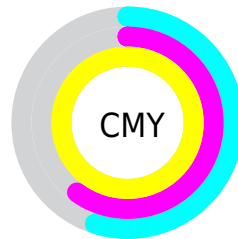


Cyan (0%)

Magenta (11%)

Yellow (95%)

Black (55%)



Cyan (55%)

Magenta (60%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 48.582, 95.939 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, 48.582, 95.939 by changing the saturation by 10% instead.

■ 43, 48.582, 95.939

■ 43, 48.582, 95.939

■ 100, 48.582,
95.939

■ 33, 48.582, 95.939

■ 63, 48.582, 95.939

■ 23, 48.582, 95.939

■ 73, 48.582, 95.939

■ 13, 48.582, 95.939

■ 83, 48.582, 95.939

■ 3, 48.582, 95.939

■ 93, 48.582, 95.939

■ 0, 48.582, 95.939

■ 43, 48.582, 95.939

■ 43, 48.582, 95.939

■ 43, 49.763, 95.558

■ 43, 46.036, 96.787

■ 44, 42.373, 97.684

■ 44, 37.771, 98.636

■ 45, 32.548, 99.631

■ 45, 26.943,
100.654

■ 46, 21.118,
101.691

■ 47, 15.177,
102.728

■ 47, 9.183, 103.754

■ 48, 3.176, 104.748

Harmonies

Complementary

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



43, 48.582, 95.939



14, 65.405, 303.162

Rectangle

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



43, 48.582, 95.939



43, 48.582, 145.939



43, 48.582, 275.939



43, 48.582, 325.939

Sweetspot

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



43, 48.582, 95.941



59, 21.471, 102.269



23, 50.812, 31.010



30, 14.624, 101.927



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



43, 48.582, 95.941



55, 59.849, 95.353



44, 56.279, 122.730



23, 3.321, 104.389



45, 51.471, 95.517



88, 87.569, 95.054

Inverse Universe

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



14, 65.405, 303.162



18, 83.478, 304.447



15, 67.889, 309.897



21, 3.374, 286.253



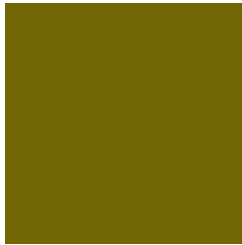
14, 70.715, 304.051



33, 125.098, 305.057

Previews

White Background



This preview shows how the CIELCh color 43, 48.582, 95.939 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, 48.582, 95.939 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, 48.582, 95.939

Background



This preview shows how black text looks on a background with the CIELCh color 43, 48.582, 95.939.



This preview shows how white text looks on a background with the CIELCh color 43, 48.582, 95.939.

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, 48.582, 95.939

Protanopia

43, 48.655, 95.353

Deuteranopia

43, 47.100, 82.714



Tritanopia
43, 11.361, 359.380

Trichromacy



Original Color
43, 48.582, 95.939

Protanomaly
43, 48.655, 95.353

Deuteranomaly
43, 47.322, 87.203

Tritanomaly
43, 20.920, 80.660

Monochromacy



Original Color
43, 48.582, 95.939

Achromatopsia
40, 0.006, 296.813

Achromatomaly
41, 21.539, 101.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 48.582, 95.939 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(114, 102, 5)` looks like.

```
.text, #text, p{  
    color:rgb(114, 102, 5)  
}
```

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(114, 102, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 102, 5) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 48.582, 95.939 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(114, 102, 5) }
```

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

```
.border{ border-color:rgb(114, 102, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 102, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 102, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 102, 5);  
box-shadow:4px 4px 4px 4px rgb(114, 102,  
5) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 48.582, 95.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 102, 5) }
```

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

```
.background{ background-color: rgb(114,  
102, 5) }
```

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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