

Converting Colors

CIELCh(44, 71.315, 50.891)

Have a look what the booklet for
CIELCh(44, 71.315, 50.891) contains.

CIELCh(44, 70.892, 50.832)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(44, 70.892, 50.832)

Conversions

Conversions Part 1

Format	Color
Hex	B64200
RGB	182, 66, 0
RGB Percent	71%, 26%, 0%
CMY	0.2863, 0.7412, 1.0000
CMYK	0.00, 0.64, 1.00, 0.29
HSL	22°, 100%, 36%
HSV	22°, 100%, 71%
XYZ	21.2352, 13.8382, 1.5514
YIQ	93.1600, 90.3220, 4.0660

Conversions

Conversions Part 2

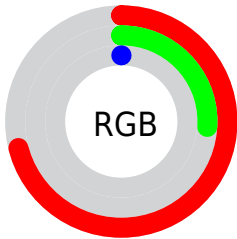
Format	Color
RYB	182, 104, 0
Decimal	11944448
CIELab	44.00, 44.78, 54.96
CIElCh	44, 70.892, 50.832
Yxy	13.8382, 0.5798, 0.3778
Android (android.graphics.Color)	4290134528 (0xFFB64200)
YUV	93.1600, -45.9279, 77.9127
Hunter-Lab	37.1997, 36.7961, 23.5672

Details

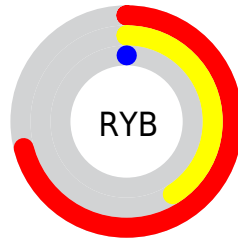
The CIELCh color **44, 70.892, 50.832** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **47, 42.447, 266.795**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 70.613, 50.940**, and **24, 57.474, 38.711** is the 20% darker color. If you saturate the color by 10%, you get **44, 70.887, 50.832**, and if you desaturate by 10%, it is **46, 64.693, 52.313**.

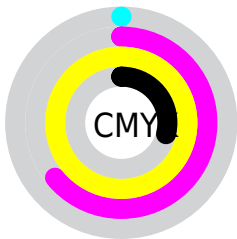
Distribution



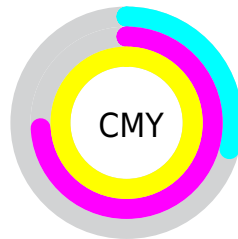
- Red (71%)
- Green (26%)
- Blue (0%)



- Red (71%)
- Yellow (41%)
- Blue (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (100%)
- Black (29%)



- Cyan (29%)
- Magenta (74%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 70.892, 50.832 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 44, 70.892, 50.832 by changing the saturation by 10% instead.

44, 70.892, 50.832

44, 70.892, 50.832

100, 70.892,
50.832

34, 70.892, 50.832

64, 70.892, 50.832

24, 70.892, 50.832

74, 70.892, 50.832

14, 70.892, 50.832

84, 70.892, 50.832

4, 70.892, 50.832

94, 70.892, 50.832

0, 70.892, 50.832

44, 70.892, 50.832

44, 70.892, 50.832

44, 70.887, 50.832

46, 64.693, 52.313

49, 57.233, 53.370

■ 51, 49.055, 54.063

■ 54, 40.849, 54.666

■ 57, 32.937, 55.295

■ 60, 25.451, 55.985

■ 64, 18.430, 56.740

■ 67, 11.868, 57.546

■ 71, 5.736, 58.367

Harmonies

Complementary

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



44, 70.892, 50.832



47, 42.447, 266.795

Rectangle

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



44, 70.892, 50.832



44, 70.892, 100.832



44, 70.892, 230.832



44, 70.892, 280.832

Sweetspot

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



44, 70.887, 50.832



81, 22.895, 56.701



40, 69.564, 348.704



42, 15.981, 56.377



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



44, 70.887, 50.832



57, 86.960, 50.201



64, 68.031, 92.095



37, 3.266, 58.419



38, 62.863, 51.293



4, 8.779, 47.253

Inverse Universe

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



47, 42.447, 266.795



60, 52.379, 267.743



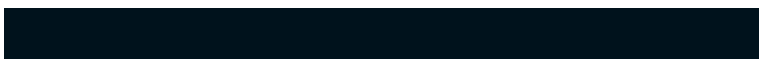
24, 95.302, 303.859



37, 3.132, 240.331



40, 37.488, 266.110



5, 9.041, 253.464

Previews

White Background



This preview shows how the CIELCh color 44, 70.892, 50.832 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 44, 70.892, 50.832 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 44, 70.892, 50.832

Background



This preview shows how black text looks on a background with the CIELCh color 44, 70.892, 50.832.



This preview shows how white text looks on a background with the CIELCh color 44, 70.892, 50.832.

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

44, 70.892, 50.832

Protanopia

44, 46.089, 95.501

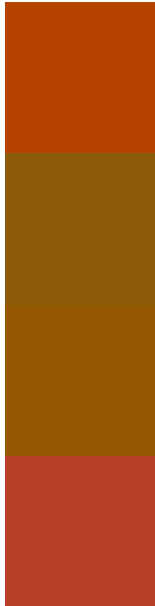
Deuteranopia

44, 51.665, 84.704



Tritanopia
44, 55.445, 27.005

Trichromacy



Original Color
44, 70.892, 50.832

Protanomaly
43, 50.189, 73.150

Deuteranomaly
43, 55.800, 68.777

Tritanomaly
44, 61.365, 39.501

Monochromacy



Original Color
44, 70.892, 50.832

Achromatopsia
39, 0.006, 296.813

Achromatomaly
39, 25.684, 55.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 70.892, 50.832 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(182, 66, 0)` looks like.

```
.text, #text, p{  
    color:rgb(182, 66, 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(182, 66, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 66, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 70.892, 50.832 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(182, 66, 0) }
```

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

```
.border{ border-color:rgb(182, 66, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 66, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 66, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 66, 0);  
box-shadow:4px 4px 4px 4px rgb(182, 66, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 70.892, 50.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 66, 0) }
```

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

```
.background{ background-color: rgb(182, 66,  
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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