

Converting Colors

CIELCh(44, 53.184, 72.987)

Have a look what the booklet for
CIELCh(44, 53.184, 72.987) contains.

CIELCh(44, 53.254, 72.990)	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, 53.254, 72.990)

Conversions

Conversions Part 1

Format	Color
Hex	925D04
RGB	146, 93, 4
RGB Percent	57%, 36%, 2%
CMY	0.4293, 0.6368, 0.9826
CMYK	0.00, 0.36, 0.97, 0.43
HSL	37°, 94%, 29%
HSV	37°, 97%, 57%
XYZ	15.6758, 13.8382, 1.9722
YIQ	98.7010, 60.1570, -16.4430

Conversions

Conversions Part 2

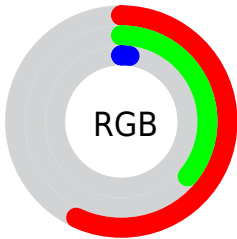
Format	Color
RYB	89, 146, 4
Decimal	9592068
CIELab	44.00, 15.58, 50.92
CIELCh	44, 53.254, 72.990
Yxy	13.8382, 0.4979, 0.4395
Android (android.graphics.Color)	4287782148 (0xFF925D04)
YUV	98.7010, -46.6876, 41.4812
Hunter-Lab	37.1997, 10.1193, 22.8965

Details

The CIELCh color **44, 53.254, 72.990** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **27, 56.938, 292.291**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 53.371, 72.667**, and **24, 37.986, 64.557** is the 20% darker color. If you saturate the color by 10%, you get **44, 54.341, 72.370**, and if you desaturate by 10%, it is **45, 49.801, 75.198**.

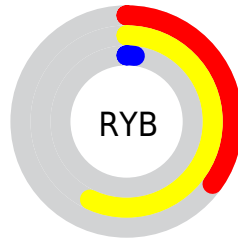
Distribution



Red (57%)

Green (36%)

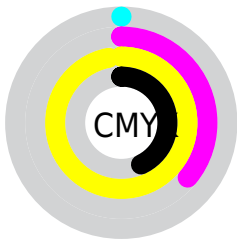
Blue (2%)



Red (35%)

Yellow (57%)

Blue (2%)

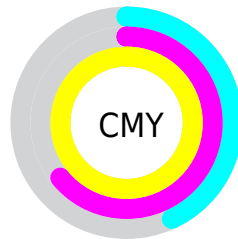


Cyan (0%)

Magenta (36%)

Yellow (97%)

Black (43%)



Cyan (43%)

Magenta (64%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 53.254, 72.990 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, 53.254, 72.990 by changing the saturation by 10% instead.

44, 53.254, 72.990

44, 53.254, 72.990

100, 53.254,
72.990

34, 53.254, 72.990

64, 53.254, 72.990

24, 53.254, 72.990

74, 53.254, 72.990

14, 53.254, 72.990

84, 53.254, 72.990

4, 53.254, 72.990

94, 53.254, 72.990

0, 53.254, 72.990

44, 53.254, 72.990

44, 53.254, 72.990

44, 54.341, 72.370

45, 49.801, 75.198

47, 45.082, 77.050

■ 49, 39.503, 78.659

■ 50, 33.525, 80.139

■ 52, 27.425, 81.549

■ 54, 21.352, 82.912

■ 55, 15.383, 84.237

■ 57, 9.549, 85.521

■ 59, 3.861, 86.741

Harmonies

Complementary

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



44, 53.254, 72.990



27, 56.938, 292.291

Rectangle

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



44, 53.254, 72.990



44, 53.254, 122.990



44, 53.254, 252.990



44, 53.254, 302.990

Sweetspot

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



44, 53.253, 72.993



70, 20.528, 83.890



31, 55.121, 10.832



36, 14.107, 83.386



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



44, 53.253, 72.993



56, 65.847, 71.662



57, 63.669, 109.758



30, 3.190, 86.474



41, 52.191, 72.542



2, 2.767, 87.638

Inverse Universe

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



27, 56.938, 292.291



34, 72.916, 294.153



17, 85.699, 306.494



29, 3.176, 268.868



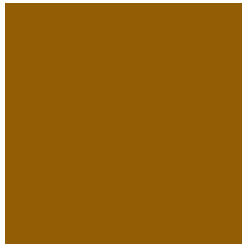
24, 56.279, 293.121



1, 2.768, 267.646

Previews

White Background



This preview shows how the CIELCh color 44, 53.254, 72.990 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, 53.254, 72.990 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, 53.254, 72.990

Background



This preview shows how black text looks on a background with the CIELCh color 44, 53.254, 72.990.



This preview shows how white text looks on a background with the CIELCh color 44, 53.254, 72.990.

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, 53.487, 73.087

Protanopia

44, 48.326, 95.536

Deuteranopia

44, 51.534, 84.038



Tritanopia
44, 27.921, 16.388

Trichromacy



Original Color
44, 53.487, 73.087

Protanomaly
44, 48.820, 86.443

Deuteranomaly
44, 51.849, 80.049

Tritanomaly
44, 34.464, 50.575

Monochromacy



Original Color
44, 53.487, 73.087

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 21.317, 82.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 53.254, 72.990 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(146, 93, 4)` looks like.

```
.text, #text, p{  
    color:rgb(146, 93, 4)  
}
```

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(146, 93, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 93, 4) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 53.254, 72.990 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(146, 93, 4) }
```

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

```
.border{ border-color:rgb(146, 93, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 93, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 93, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 93, 4);  
box-shadow:4px 4px 4px 4px rgb(146, 93, 4)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 53.254, 72.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 93, 4) }
```

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

```
.background{ background-color: rgb(146, 93,  
4) }
```

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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