

Converting Colors

CIELCh(44, 29.490, 46.219)

Have a look what the booklet for
CIELCh(44, 29.490, 46.219) contains.

CIELCh(44, 29.239, 45.878)	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, 29.239, 45.878)

Conversions

Conversions Part 1

Format	Color
Hex	915A46
RGB	145, 90, 70
RGB Percent	57%, 35%, 27%
CMY	0.4304, 0.6462, 0.7246
CMYK	0.00, 0.38, 0.52, 0.43
HSL	16°, 35%, 42%
HSV	16°, 52%, 57%
XYZ	16.5094, 13.8382, 7.6310
YIQ	104.1650, 39.2000, 5.4400

Conversions

Conversions Part 2

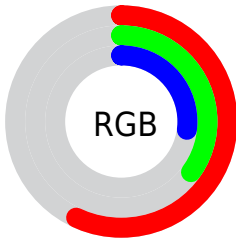
Format	Color
R _Y B	145, 97, 70
Decimal	9525830
CIE Lab	44.00, 20.36, 20.99
CIE LCh	44, 29.239, 45.878
Yxy	13.8382, 0.4347, 0.3644
Android (android.graphics.Color)	4287715910 (0xFF915A46)
YUV	104.1650, -16.8433, 35.8123
Hunter-Lab	37.1997, 14.1195, 13.8773

Details

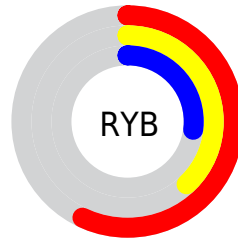
The CIELCh color **44, 29.239, 45.878** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **50, 20.566, 233.038**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **64, 28.949, 46.101**, and **24, 29.227, 45.674** is the 20% darker color. If you saturate the color by 10%, you get **41, 36.199, 45.968**, and if you desaturate by 10%, it is **47, 22.685, 45.943**.

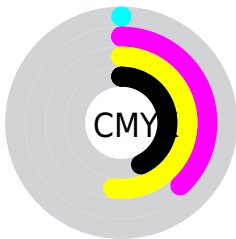
Distribution



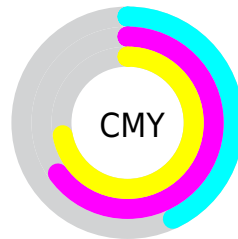
- Red (57%)
- Green (35%)
- Blue (27%)



- Red (57%)
- Yellow (38%)
- Blue (27%)



- Cyan (0%)
- Magenta (38%)
- Yellow (52%)
- Black (43%)

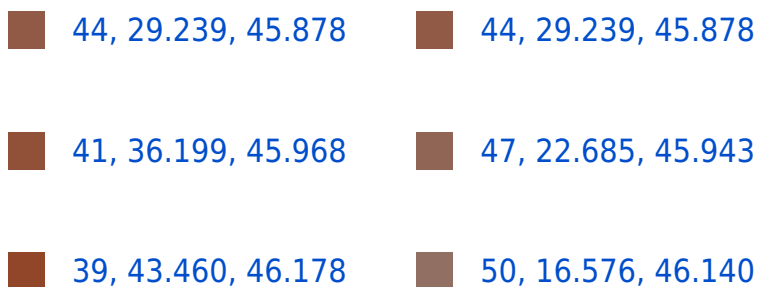
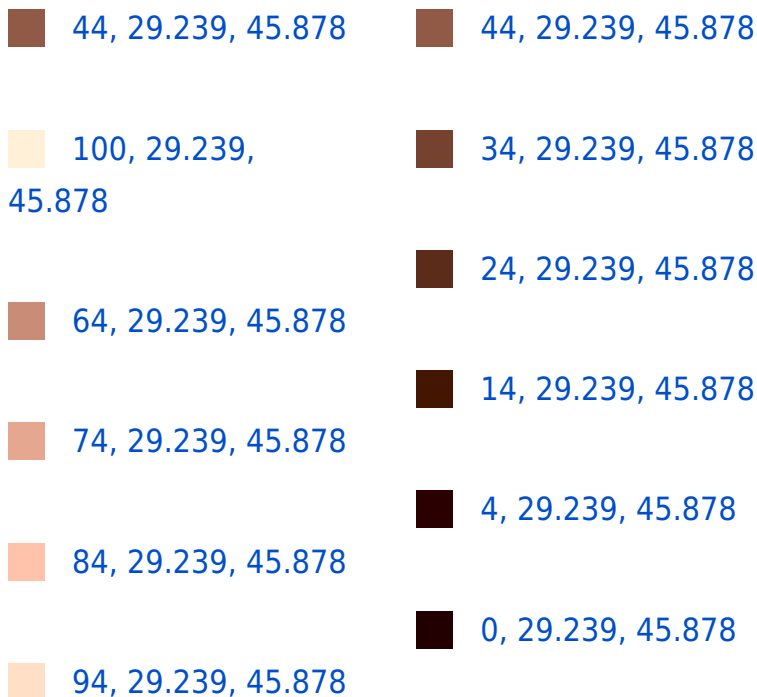


- Cyan (43%)
- Magenta (65%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 29.239, 45.878 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, 29.239, 45.878 by changing the saturation by 10% instead.



36, 50.756, 46.406

53, 10.905, 46.445

34, 57.505, 46.363

56, 5.648, 46.820

33, 62.682, 46.417

60, 0.772, 46.839

63, 3.761, 228.008

66, 7.989, 228.511

70, 11.947,
229.075

73, 15.669,
229.658

Harmonies

Complementary

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



44, 29.239, 45.878



50, 20.566, 233.038

Rectangle

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



44, 29.239, 45.878



44, 29.239, 95.878



44, 29.239, 225.878



44, 29.239, 275.878

Sweetspot

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



44, 29.238, 45.882



70, 9.122, 46.679



41, 42.499, 336.691



36, 6.249, 46.608



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, 29.238, 45.882



53, 45.314, 45.995



54, 33.484, 92.133



28, 2.672, 46.913



30, 59.101, 46.416



1, 1.750, 47.447

Inverse Universe

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



50, 20.566, 233.038



61, 28.911, 235.575



38, 35.422, 286.959



29, 2.540, 228.082



39, 28.878, 248.294



1, 1.750, 227.466

Previews

White Background



This preview shows how the CIELCh color 44, 29.239, 45.878 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 CIE LCh color 44, 29.239, 45.878 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, 29.239, 45.878

Background



This preview shows how black text looks on a background with the CIELCh color 44, 29.239, 45.878.



This preview shows how white text looks on a background with the CIELCh color 44, 29.239, 45.878.

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, 29.239, 45.878

Protanopia

44, 17.019, 95.405

Deuteranopia

44, 22.870, 75.006



Tritanopia
44, 26.528, 14.495

Trichromacy



Original Color
44, 29.239, 45.878

Protanomaly
44, 19.105, 70.604

Deuteranomaly
44, 24.221, 61.626

Tritanomaly
44, 26.424, 26.852

Monochromacy



Original Color
44, 29.239, 45.878

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 9.751, 45.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 29.239, 45.878 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(145, 90, 70)` looks like.

```
.text, #text, p{  
    color:rgb(145, 90, 70)  
}
```

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(145, 90, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 90, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 29.239, 45.878 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(145, 90, 70) }
```

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

```
.border{ border-color:rgb(145, 90, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 90, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 90, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 90, 70);  
box-shadow:4px 4px 4px 4px rgb(145, 90,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 29.239, 45.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 90, 70) }
```

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

```
.background{ background-color: rgb(145, 90,  
70) }
```

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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