

Converting Colors

CIELCh(43, 79.100, 44.283)

Have a look what the booklet for
CIELCh(43, 79.100, 44.283) contains.

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Color

CIELCh(43, 79.165, 44.358)

Conversions

Conversions Part 1

Format	Color
Hex	C12D01
RGB	193, 45, 1
RGB Percent	76%, 18%, 0%
CMY	0.2442, 0.8246, 0.9969
CMYK	0.00, 0.77, 1.00, 0.24
HSL	14°, 99%, 38%
HSV	14°, 100%, 76%
XYZ	22.8529, 13.1578, 1.3576
YIQ	84.2360, 102.3320, 17.6920

Conversions

Conversions Part 2

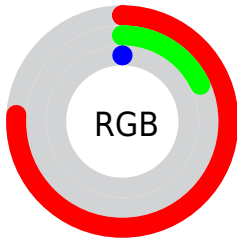
Format	Color
RYB	193, 58, 1
Decimal	12659969
CIELab	43.00, 56.60, 55.35
CIELCh	43, 79.165, 44.358
Yxy	13.1578, 0.6116, 0.3521
Android (android.graphics.Color)	4290850049 (0xFFC12D01)
YUV	84.2360, -41.0353, 95.3860
Hunter-Lab	36.2736, 48.9787, 23.1725

Details

The CIELCh color **43, 79.165, 44.358** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **57, 36.271, 241.801**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 78.083, 44.684**, and **26, 62.099, 38.505** is the 20% darker color. If you saturate the color by 10%, you get **43, 79.448, 44.384**, and if you desaturate by 10%, it is **45, 72.143, 44.418**.

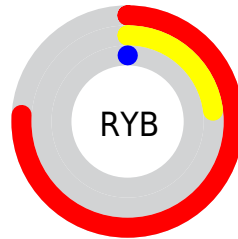
Distribution



Red (76%)

Green (18%)

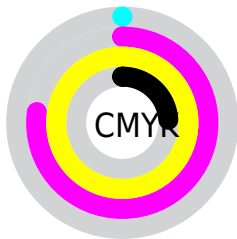
Blue (0%)



Red (76%)

Yellow (23%)

Blue (0%)

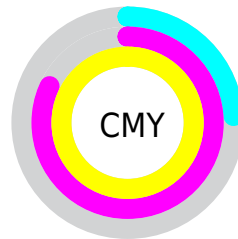


Cyan (0%)

Magenta (77%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (82%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 79.165, 44.358 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, 79.165, 44.358 by changing the saturation by 10% instead.

 43, 79.165, 44.358

 43, 79.165, 44.358

 100, 79.165,
44.358

 33, 79.165, 44.358

 63, 79.165, 44.358

 23, 79.165, 44.358

 73, 79.165, 44.358

 13, 79.165, 44.358

 83, 79.165, 44.358

 3, 79.165, 44.358

 93, 79.165, 44.358

 0, 79.165, 44.358

 43, 79.165, 44.358

 43, 79.165, 44.358

 43, 79.448, 44.384

 45, 72.143, 44.418

 48, 63.461, 43.993

■ 50, 54.086, 43.343

■ 54, 44.778, 42.776

■ 57, 35.872, 42.391

■ 61, 27.508, 42.201

■ 65, 19.733, 42.181

■ 70, 12.540, 42.296

■ 74, 5.897, 42.492

Harmonies

Complementary

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



43, 79.165, 44.358



57, 36.271, 241.801

Rectangle

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



43, 79.165, 44.358



43, 79.165, 94.358



43, 79.165, 224.358



43, 79.165, 274.358

Sweetspot

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



43, 79.162, 44.360



82, 24.791, 42.177



44, 79.119, 339.180



42, 17.209, 42.172



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



43, 79.162, 44.360



55, 97.119, 43.967



61, 67.202, 80.345



39, 3.497, 42.496



36, 69.080, 44.745



4, 12.242, 33.881

Inverse Universe

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



57, 36.271, 241.801



73, 44.299, 242.737



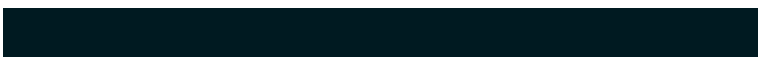
31, 85.309, 299.134



40, 3.306, 223.376



48, 31.656, 241.313



7, 10.338, 232.788

Previews

White Background



This preview shows how the CIELCh color 43, 79.165, 44.358 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, 79.165, 44.358 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, 79.165, 44.358

Background



This preview shows how black text looks on a background with the CIELCh color 43, 79.165, 44.358.



This preview shows how white text looks on a background with the CIELCh color 43, 79.165, 44.358.

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, 79.165, 44.358

Protanopia

43, 44.197, 95.968

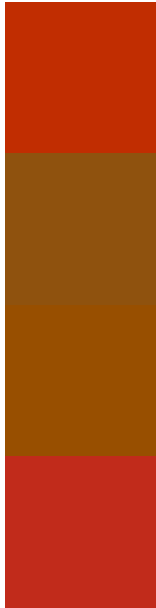
Deuteranopia

43, 50.861, 84.936



Tritanopia
43, 69.666, 33.158

Trichromacy



Original Color
43, 79.165, 44.358

Protanomaly
41, 50.484, 65.763

Deuteranomaly
42, 57.346, 62.856

Tritanomaly
43, 73.672, 38.573

Monochromacy



Original Color
43, 79.165, 44.358

Achromatopsia
36, 0.005, 296.813

Achromatomaly
36, 29.027, 42.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 79.165, 44.358 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(193, 45, 1)` looks like.

```
.text, #text, p{  
    color:rgb(193, 45, 1)  
}
```

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(193, 45, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 45, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 79.165, 44.358 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(193, 45, 1) }
```

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

```
.border{ border-color:rgb(193, 45, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 45, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 45, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 45, 1);  
box-shadow:4px 4px 4px 4px rgb(193, 45, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 79.165, 44.358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 45, 1) }
```

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

```
.background{ background-color: rgb(193, 45,  
1) }
```

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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