

Converting Colors

CIELCh(44, 77.375, 46.047)

Have a look what the booklet for
CIELCh(44, 77.375, 46.047) contains.

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Color

CIELCh(44, 77.574, 46.008)

Conversions

Conversions Part 1

Format	Color
Hex	C13501
RGB	193, 53, 1
RGB Percent	76%, 21%, 0%
CMY	0.2440, 0.7929, 0.9968
CMYK	0.00, 0.73, 1.00, 0.24
HSL	16°, 99%, 38%
HSV	16°, 100%, 76%
XYZ	23.2049, 13.8382, 1.4715
YIQ	88.9320, 100.1320, 13.5080

Conversions

Conversions Part 2

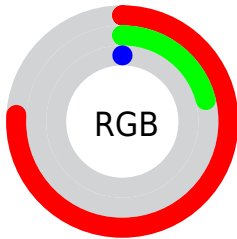
Format	Color
RYB	193, 72, 1
Decimal	12662017
CIELab	44.00, 53.88, 55.81
CIElCh	44, 77.574, 46.008
Yxy	13.8382, 0.6025, 0.3593
Android (android.graphics.Color)	4290852097 (0xFFC13501)
YUV	88.9320, -43.3505, 91.2676
Hunter-Lab	37.1997, 46.2474, 23.6946

Details

The CIELCh color **44, 77.574, 46.008** 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 **55, 37.987, 250.445**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 76.614, 46.372**, and **26, 62.099, 38.505** is the 20% darker color. If you saturate the color by 10%, you get **44, 77.869, 46.011**, and if you desaturate by 10%, it is **46, 70.643, 46.593**.

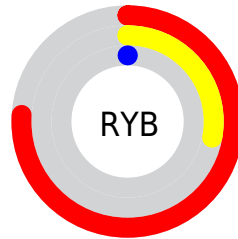
Distribution



Red (76%)

Green (21%)

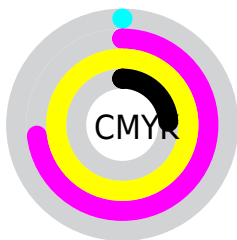
Blue (0%)



Red (76%)

Yellow (28%)

Blue (0%)

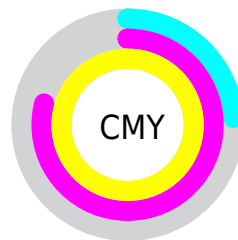


Cyan (0%)

Magenta (73%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (79%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 77.574, 46.008 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, 77.574, 46.008 by changing the saturation by 10% instead.

■ 44, 77.574, 46.008

■ 44, 77.574, 46.008

■ 100, 77.574,
46.008

■ 34, 77.574, 46.008

■ 64, 77.574, 46.008

■ 24, 77.574, 46.008

■ 74, 77.574, 46.008

■ 14, 77.574, 46.008

■ 84, 77.574, 46.008

■ 4, 77.574, 46.008

■ 94, 77.574, 46.008

■ 0, 77.574, 46.008

■ 44, 77.574, 46.008

■ 44, 77.574, 46.008

■ 44, 77.869, 46.011

■ 46, 70.643, 46.593

■ 49, 62.140, 46.675

■ 52, 52.964, 46.483

■ 55, 43.857, 46.313

■ 58, 35.149, 46.271

■ 62, 26.973, 46.379

■ 66, 19.366, 46.621

■ 70, 12.318, 46.970

■ 74, 5.794, 47.377

Harmonies

Complementary

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



44, 77.574, 46.008



55, 37.987, 250.445

Rectangle

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



44, 77.574, 46.008



44, 77.574, 96.008



44, 77.574, 226.008



44, 77.574, 276.008

Sweetspot

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



44, 77.571, 46.010



83, 24.340, 46.594



43, 76.387, 342.485



42, 16.888, 46.481



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



44, 77.571, 46.010



56, 95.194, 45.534



64, 68.201, 84.935



39, 3.443, 47.385



37, 67.690, 46.435



5, 12.019, 36.931

Inverse Universe

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



55, 37.987, 250.445



70, 46.533, 251.487



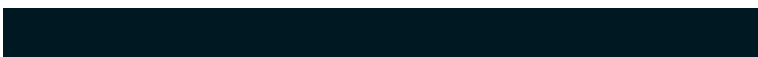
29, 91.135, 301.241



39, 3.266, 228.627



46, 33.095, 249.913



7, 10.420, 240.299

Previews

White Background



This preview shows how the CIELCh color 44, 77.574, 46.008 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, 77.574, 46.008 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, 77.574, 46.008

Background



This preview shows how black text looks on a background with the CIELCh color 44, 77.574, 46.008.



This preview shows how white text looks on a background with the CIELCh color 44, 77.574, 46.008.

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



Trichromacy



Original Color
44, 77.574, 46.008

Protanomaly
42, 50.954, 67.702

Tritanomaly
44, 71.052, 38.266

Monochromacy



Original Color
44, 77.574, 46.008

Achromatopsia
38, 0.005, 296.813

Achromatomaly
38, 28.181, 46.325

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 77.574, 46.008 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, 53, 1)` looks like.

```
.text, #text, p{  
    color:rgb(193, 53, 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, 53, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 53, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 77.574, 46.008 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, 53, 1) }
```

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

```
.border{ border-color:rgb(193, 53, 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, 53, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 53, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 53, 1);  
box-shadow:4px 4px 4px 4px rgb(193, 53, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 77.574, 46.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 53, 1) }
```

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

```
.background{ background-color: rgb(193, 53,  
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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