

Converting Colors

CIELCh(43, 76.740, 26.572)

Have a look what the booklet for
CIELCh(43, 76.740, 26.572) contains.

CIELCh(43, 76.516, 26.355)	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(43, 76.516, 26.355)

Conversions

Conversions Part 1

Format	Color
Hex	CC0232
RGB	204, 2, 50
RGB Percent	80%, 1%, 20%
CMY	0.1987, 0.9923, 0.8030
CMYK	0.00, 0.99, 0.75, 0.20
HSL	346°, 98%, 40%
HSV	346°, 99%, 80%
XYZ	25.5932, 13.1578, 4.2337
YIQ	67.8700, 104.9840, 57.7520

Conversions

Conversions Part 2

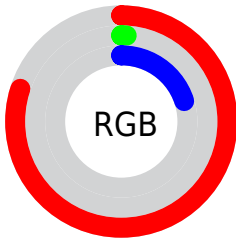
Format	Color
RYB	204, 2, 50
Decimal	13369906
CIELab	43.00, 68.56, 33.97
CIElCh	43, 76.516, 26.355
Yxy	13.1578, 0.5954, 0.3061
Android (android.graphics.Color)	4291559986 (0xFFCC0232)
YUV	67.8700, -8.8099, 119.3860
Hunter-Lab	36.2736, 62.4636, 18.4715

Details

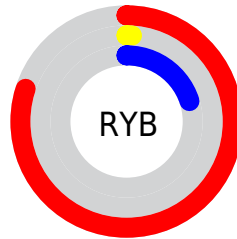
The CIELCh color **43, 76.516, 26.355** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **73, 55.160, 167.164**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 71.382, 25.467**, and **29, 64.980, 37.377** is the 20% darker color. If you saturate the color by 10%, you get **43, 76.994, 26.851**, and if you desaturate by 10%, it is **44, 71.654, 21.017**.

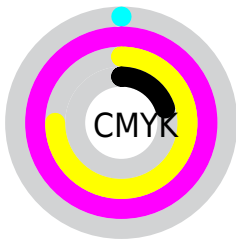
Distribution



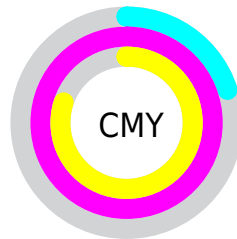
- Red (80%)
- Green (1%)
- Blue (20%)



- Red (80%)
- Yellow (1%)
- Blue (20%)



- Cyan (0%)
- Magenta (99%)
- Yellow (75%)
- Black (20%)



- Cyan (20%)
- Magenta (99%)
- Yellow (80%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 76.516, 26.355 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, 76.516, 26.355 by changing the saturation by 10% instead.

 43, 76.516, 26.355

 43, 76.516, 26.355

 100, 76.516,
26.355

 33, 76.516, 26.355

 63, 76.516, 26.355

 23, 76.516, 26.355

 73, 76.516, 26.355

 13, 76.516, 26.355

 83, 76.516, 26.355

 3, 76.516, 26.355

 93, 76.516, 26.355

 0, 76.516, 26.355

 43, 76.516, 26.355

 43, 76.516, 26.355

 43, 76.994, 26.851

 44, 71.654, 21.017

 46, 65.910, 16.313

■ 49, 58.998, 12.487

■ 52, 51.061, 9.453

■ 56, 42.433, 7.055

■ 61, 33.484, 5.139

■ 66, 24.518, 3.578

■ 72, 15.750, 2.277

■ 77, 7.305, 1.150

Harmonies

Complementary

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



43, 76.516, 26.355



73, 55.160, 167.164

Rectangle

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



43, 76.516, 26.355



43, 76.516, 76.355



43, 76.516, 206.355



43, 76.516, 256.355

Sweetspot

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



43, 76.513, 26.357



80, 30.396, 3.772



40, 100.197, 318.985



40, 20.885, 4.418



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



43, 76.513, 26.357



54, 91.547, 27.646



46, 81.613, 45.046



40, 4.584, 1.189



34, 65.454, 25.925



4, 18.328, 7.833

Inverse Universe

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



43, 76.513, 26.357



54, 91.547, 27.646



59, 38.642, 246.169



40, 4.584, 1.189



34, 65.454, 25.925



4, 18.328, 7.833

Previews

White Background



This preview shows how the CIELCh color 43, 76.516, 26.355 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, 76.516, 26.355 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, 76.516, 26.355

Background



This preview shows how black text looks on a background with the CIELCh color 43, 76.516, 26.355.



This preview shows how white text looks on a background with the CIELCh color 43, 76.516, 26.355.

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, 76.448, 26.411

Protanopia

44, 16.924, 96.917

Deuteranopia

44, 38.451, 82.142



Tritanopia
43, 84.259, 38.966

Trichromacy



Original Color
43, 76.448, 26.411

Protanomaly
39, 36.537, 25.630

Deuteranomaly
39, 49.071, 41.062

Tritanomaly
43, 81.546, 35.153

Monochromacy



Original Color
43, 76.448, 26.411

Achromatopsia
29, 0.005, 296.813

Achromatomaly
29, 34.622, 9.317

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 76.516, 26.355 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(204, 2, 50)` looks like.

```
.text, #text, p{  
    color:rgb(204, 2, 50)  
}
```

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(204, 2, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 2, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 76.516, 26.355 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(204, 2, 50) }
```

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

```
.border{ border-color:rgb(204, 2, 50) }
```

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

Here you see how a box with a 4 pixel rgb(204, 2, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 2, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 2, 50);  
box-shadow:4px 4px 4px 4px rgb(204, 2, 50)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 76.516, 26.355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 2, 50) }
```

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

```
.background{ background-color: rgb(204, 2,  
50) }
```

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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