

Converting Colors

CIELCh(44, 71.915, 9.817)

Have a look what the booklet for
CIELCh(44, 71.915, 9.817) contains.

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Color

CIELCh(44, 71.936, 9.958)

Conversions

Conversions Part 1

Format	Color
Hex	CE0157
RGB	206, 1, 87
RGB Percent	81%, 0%, 34%
CMY	0.1920, 0.9956, 0.6587
CMYK	0.00, 0.99, 0.58, 0.19
HSL	335°, 99%, 41%
HSV	335°, 99%, 81%
XYZ	27.1949, 13.8382, 10.2593
YIQ	72.0990, 94.5740, 70.2060

Conversions

Conversions Part 2

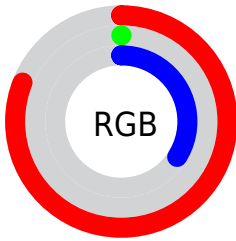
Format	Color
RYB	206, 1, 87
Decimal	13500759
CIELab	44.00, 70.85, 12.44
CIELCh	44, 71.936, 9.958
Yxy	13.8382, 0.5302, 0.2698
Android (android.graphics.Color)	4291690839 (0xFFCE0157)
YUV	72.0990, 7.3462, 117.4312
Hunter-Lab	37.1997, 65.3931, 9.6882

Details

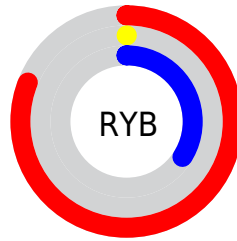
The CIELCh color **44, 71.936, 9.958** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **73, 69.475, 153.529**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 67.224, 7.737**, and **30, 56.964, 19.988** is the 20% darker color. If you saturate the color by 10%, you get **44, 72.054, 10.219**, and if you desaturate by 10%, it is **45, 69.749, 5.305**.

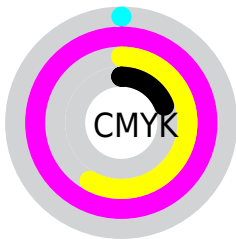
Distribution



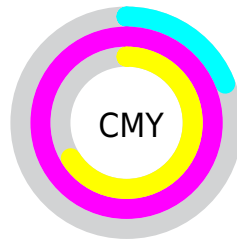
- Red (81%)
- Green (0%)
- Blue (34%)



- Red (81%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (99%)
- Yellow (58%)
- Black (19%)







- Cyan (19%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 71.936, 9.958 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, 71.936, 9.958 by changing the saturation by 10% instead.

 44, 71.936, 9.958	 44, 71.936, 9.958
 100, 71.936, 9.958	 34, 71.936, 9.958
 64, 71.936, 9.958	 24, 71.936, 9.958
 74, 71.936, 9.958	 14, 71.936, 9.958
 84, 71.936, 9.958	 4, 71.936, 9.958
 94, 71.936, 9.958	 0, 71.936, 9.958

 44, 71.936, 9.958	 44, 71.936, 9.958
 44, 72.054, 10.219	 45, 69.749, 5.305
	 47, 66.106, 1.470
	 50, 60.632,

358.444

■ 53, 53.549,
356.052

■ 57, 45.290,
354.130

■ 62, 36.314,
352.551

■ 67, 27.012,
351.219

■ 72, 17.669,
350.069

■ 78, 8.469, 349.041

Harmonies

Complementary

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



44, 71.936, 9.958



73, 69.475, 153.529

Rectangle

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



44, 71.936, 9.958



44, 71.936, 59.958



44, 71.936, 189.958



44, 71.936, 239.958

Sweetspot

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



44, 71.932, 9.960



81, 32.735, 351.333



35, 104.597, 313.471



40, 22.381, 351.884



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 71.932, 9.960



54, 84.703, 10.924



43, 87.820, 40.496



40, 5.042, 349.035



35, 61.233, 9.351



4, 19.224, 358.423

Inverse Universe

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



44, 71.932, 9.960



54, 84.703, 10.924



71, 39.148, 207.759



40, 5.042, 349.035



35, 61.233, 9.351



4, 19.224, 358.423

Previews

White Background



This preview shows how the CIELCh color 44, 71.936, 9.958 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, 71.936, 9.958 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, 71.936, 9.958

Background



This preview shows how black text looks on a background with the CIELCh color 44, 71.936, 9.958.



This preview shows how white text looks on a background with the CIELCh color 44, 71.936, 9.958.

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, 71.936, 9.958

Protanopia

45, 13.167, 287.114

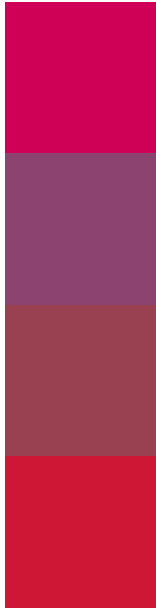
Deuteranopia

45, 17.907, 72.018



Tritanopia
44, 77.565, 35.557

Trichromacy



Original Color
44, 71.936, 9.958

Protanomaly
39, 38.606, 342.411

Deuteranomaly
40, 39.794, 13.326

Tritanomaly
44, 74.379, 26.765

Monochromacy



Original Color
44, 71.936, 9.958

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 36.090, 356.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 71.936, 9.958 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(206, 1, 87)` looks like.

```
.text, #text, p{  
    color:rgb(206, 1, 87)  
}
```

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(206, 1, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 1, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 71.936, 9.958 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(206, 1, 87) }
```

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

```
.border{ border-color:rgb(206, 1, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 1, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 1, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 1, 87);  
box-shadow:4px 4px 4px 4px rgb(206, 1, 87)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 71.936, 9.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 1, 87) }
```

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

```
.background{ background-color: rgb(206, 1,  
87) }
```

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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