

Converting Colors

CIELCh(44, 72.267, 10.966)

Have a look what the booklet for
CIELCh(44, 72.267, 10.966) contains.

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Color

CIELCh(44, 72.111, 10.862)

Conversions

Conversions Part 1

Format	Color
Hex	CE0155
RGB	206, 1, 85
RGB Percent	81%, 0%, 33%
CMY	0.1911, 0.9966, 0.6659
CMYK	0.00, 1.00, 0.59, 0.19
HSL	335°, 99%, 41%
HSV	335°, 100%, 81%
XYZ	27.1867, 13.8382, 9.8755
YIQ	71.8710, 95.2160, 69.5840

Conversions

Conversions Part 2

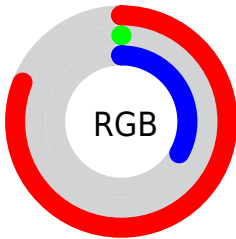
Format	Color
RYB	206, 1, 85
Decimal	13500757
CIELab	44.00, 70.82, 13.59
CIELCh	44, 72.111, 10.862
Yxy	13.8382, 0.5341, 0.2719
Android (android.graphics.Color)	4291690837 (0xFFCE0155)
YUV	71.8710, 6.4726, 117.6311
Hunter-Lab	37.1997, 65.3536, 10.2999

Details

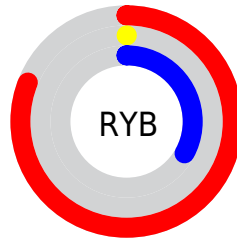
The CIELCh color **44, 72.111, 10.862** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **73, 68.906, 154.022**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 67.207, 8.680**, and **30, 57.325, 21.226** is the 20% darker color. If you saturate the color by 10%, you get **44, 72.206, 11.066**, and if you desaturate by 10%, it is **45, 69.824, 6.133**.

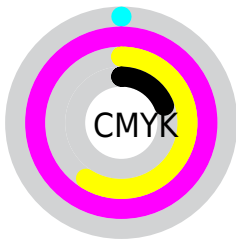
Distribution



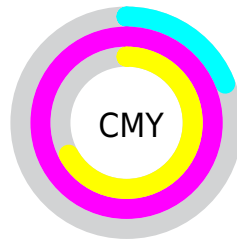
- Red (81%)
- Green (0%)
- Blue (33%)



- Red (81%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 72.111, 10.862 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, 72.111, 10.862 by changing the saturation by 10% instead.


 44, 72.111, 10.862

 44, 72.111, 10.862

 100, 72.111,
10.862

 34, 72.111, 10.862

 64, 72.111, 10.862

 24, 72.111, 10.862


 74, 72.111, 10.862

 14, 72.111, 10.862

 84, 72.111, 10.862

 4, 72.111, 10.862

 94, 72.111, 10.862

 0, 72.111, 10.862

 44, 72.111, 10.862

 44, 72.111, 10.862

 44, 72.206, 11.066

 45, 69.824, 6.133

 47, 66.130, 2.219

■ 50, 60.631,
359.130

■ 53, 53.539,
356.690

■ 57, 45.282,
354.734

■ 62, 36.319,
353.128

■ 67, 27.036,
351.778

■ 72, 17.717,
350.615

■ 78, 8.548, 349.578

Harmonies

Complementary

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



44, 72.111, 10.862



73, 68.906, 154.022

Rectangle

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



44, 72.111, 10.862



44, 72.111, 60.862



44, 72.111, 190.862



44, 72.111, 240.862

Sweetspot

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



44, 72.107, 10.864



81, 32.588, 351.877



35, 104.372, 313.901



40, 22.285, 352.434



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, 72.107, 10.864



54, 84.825, 11.775



44, 87.683, 40.739



40, 5.015, 349.559



35, 61.291, 10.181



4, 19.163, 358.923

Inverse Universe

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



44, 72.107, 10.864



54, 84.825, 11.775



70, 38.542, 210.960



40, 5.015, 349.559



35, 61.291, 10.181



4, 19.163, 358.923

Previews

White Background



This preview shows how the CIELCh color 44, 72.111, 10.862 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, 72.111, 10.862 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, 72.111, 10.862

Background



This preview shows how black text looks on a background with the CIELCh color 44, 72.111, 10.862.



This preview shows how white text looks on a background with the CIELCh color 44, 72.111, 10.862.

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, 72.029, 10.910

Protanopia

45, 11.364, 287.931

Deuteranopia

45, 19.190, 72.702



Tritanopia
44, 77.985, 35.722

Trichromacy



Original Color
44, 72.029, 10.910

Protanomaly
39, 38.239, 344.380

Deuteranomaly
40, 40.304, 15.258

Tritanomaly
44, 74.958, 27.485

Monochromacy



Original Color
44, 72.029, 10.910

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, 72.111, 10.862 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, 85)` looks like.

```
.text, #text, p{  
    color:rgb(206, 1, 85)  
}
```

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, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 1, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 72.111, 10.862 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, 85) }
```

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

```
.border{ border-color:rgb(206, 1, 85) }
```

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, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 1, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 1, 85);  
box-shadow:4px 4px 4px 4px rgb(206, 1, 85)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 72.111, 10.862 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, 85) }
```

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

```
.background{ background-color: rgb(206, 1,  
85) }
```

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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