

Converting Colors

CIELCh(44, 72.314, 18.519)

Have a look what the booklet for
CIELCh(44, 72.314, 18.519) contains.

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Color

CIELCh(44, 72.466, 18.655)

Conversions

Conversions Part 1

Format	Color
Hex	CE0E46
RGB	206, 14, 70
RGB Percent	81%, 5%, 27%
CMY	0.1929, 0.9468, 0.7260
CMYK	0.00, 0.93, 0.66, 0.19
HSL	342°, 88%, 43%
HSV	342°, 93%, 81%
XYZ	26.6554, 13.8382, 7.0390
YIQ	77.7920, 96.4560, 58.1200

Conversions

Conversions Part 2

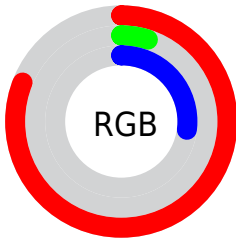
Format	Color
R_{YB}	206, 14, 70
Decimal	13504070
CIE _{Lab}	44.00, 68.66, 23.18
CIE _{LCh}	44, 72.466, 18.655
Yxy	13.8382, 0.5608, 0.2911
Android (android.graphics.Color)	4291694150 (0xFFCE0E46)
YUV	77.7920, -3.8415, 112.4384
Hunter-Lab	37.1997, 62.8041, 14.8209

Details

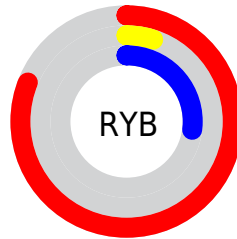
The CIELCh color **44, 72.466, 18.655** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **74, 57.860, 163.653**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **62, 67.199, 16.713**, and **29, 59.940, 28.535** is the 20% darker color. If you saturate the color by 10%, you get **43, 75.064, 22.215**, and if you desaturate by 10%, it is **45, 67.973, 13.700**.

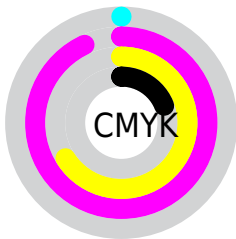
Distribution



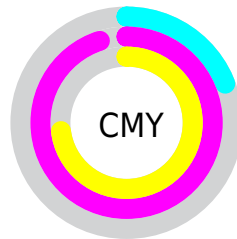
- Red (81%)
- Green (5%)
- Blue (27%)



- Red (81%)
- Yellow (5%)
- Blue (27%)



- Cyan (0%)
- Magenta (93%)
- Yellow (66%)
- Black (19%)



- Cyan (19%)
- Magenta (95%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 72.466, 18.655 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, 72.466, 18.655 by changing the saturation by 10% instead.

 44, 72.466, 18.655

 44, 72.466, 18.655

 100, 72.466,
18.655

 34, 72.466, 18.655

 64, 72.466, 18.655

 24, 72.466, 18.655

 74, 72.466, 18.655

 14, 72.466, 18.655

 84, 72.466, 18.655

 4, 72.466, 18.655

 94, 72.466, 18.655

 0, 72.466, 18.655

 44, 72.466, 18.655

 44, 72.466, 18.655

 43, 75.064, 22.215

 45, 67.973, 13.700

 48, 62.153, 9.661

■ 51, 55.015, 6.461

■ 55, 46.857, 3.933

■ 60, 38.079, 1.914

■ 65, 29.053, 0.270

■ 70, 20.056,
358.900

■ 75, 11.272,
357.725

■ 81, 2.805, 356.597

Harmonies

Complementary

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



44, 72.466, 18.655



74, 57.860, 163.653

Rectangle

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



44, 72.466, 18.655



44, 72.466, 68.655



44, 72.466, 198.655



44, 72.466, 248.655

Sweetspot

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



44, 72.463, 18.657



82, 28.781, 359.548



40, 99.858, 317.698



41, 19.989, 0.168



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, 72.463, 18.657



54, 88.630, 23.000



46, 80.137, 43.192



40, 4.698, 357.289



35, 63.562, 21.247



4, 18.522, 5.255

Inverse Universe

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



44, 72.463, 18.657



54, 88.630, 23.000



64, 36.850, 233.395



40, 4.698, 357.289



35, 63.562, 21.247



4, 18.522, 5.255

Previews

White Background



This preview shows how the CIELCh color 44, 72.466, 18.655 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, 72.466, 18.655 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, 72.466, 18.655

Background



This preview shows how black text looks on a background with the CIELCh color 44, 72.466, 18.655.



This preview shows how white text looks on a background with the CIELCh color 44, 72.466, 18.655.

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, 72.466, 18.655

Protanopia

45, 2.170, 74.678

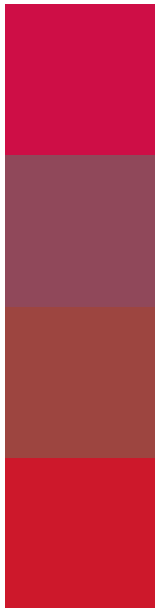
Deuteranopia

45, 27.458, 77.524



Tritanopia
44, 79.987, 36.401

Trichromacy



Original Color
44, 72.466, 18.655

Protanomaly
40, 32.574, 6.113

Deuteranomaly
41, 41.917, 30.067

Tritanomaly
44, 76.716, 30.797

Monochromacy



Original Color
44, 72.466, 18.655

Achromatopsia
33, 0.005, 296.813

Achromatomaly
33, 32.701, 4.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 72.466, 18.655 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, 14, 70)` looks like.

```
.text, #text, p{  
    color:rgb(206, 14, 70)  
}
```

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, 14, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 14, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 72.466, 18.655 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, 14, 70) }
```

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

```
.border{ border-color:rgb(206, 14, 70) }
```

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

Here you see how a box with a 4 pixel rgb(206, 14, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 14, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 14, 70);  
box-shadow:4px 4px 4px 4px rgb(206, 14,  
70) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 72.466, 18.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 14, 70) }
```

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

```
.background{ background-color: rgb(206, 14,  
70) }
```

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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