

Converting Colors

CIELCh(44, 73.757, 18.120)

Have a look what the booklet for
CIELCh(44, 73.757, 18.120) contains.

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Color

CIELCh(44, 73.637, 18.221)

Conversions

Conversions Part 1

Format	Color
Hex	CF0446
RGB	207, 4, 70
RGB Percent	81%, 2%, 27%
CMY	0.1871, 0.9846, 0.7246
CMYK	0.00, 0.98, 0.66, 0.19
HSL	340°, 96%, 41%
HSV	340°, 98%, 81%
XYZ	26.9708, 13.8382, 7.0797
YIQ	72.2210, 99.8020, 63.5620

Conversions

Conversions Part 2

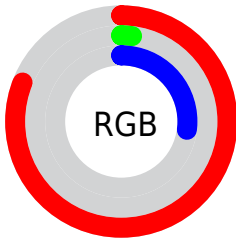
Format	Color
RYB	207, 4, 70
Decimal	13567046
CIELab	44.00, 69.94, 23.03
CIElCh	44, 73.637, 18.221
Yxy	13.8382, 0.5632, 0.2890
Android (android.graphics.Color)	4291757126 (0xFFCF0446)
YUV	72.2210, -1.0950, 118.2012
Hunter-Lab	37.1997, 64.3177, 14.7560

Details

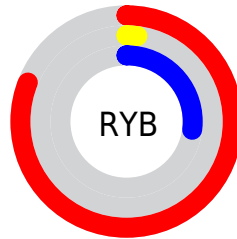
The CIELCh color **44, 73.637, 18.221** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **74, 62.017, 160.076**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 67.841, 16.203**, and **29, 60.316, 28.675** is the 20% darker color. If you saturate the color by 10%, you get **44, 74.313, 19.219**, and if you desaturate by 10%, it is **45, 70.081, 13.029**.

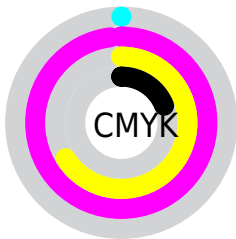
Distribution



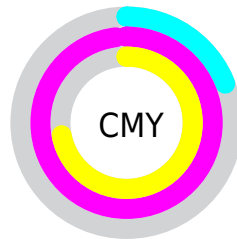
- Red (81%)
- Green (2%)
- Blue (27%)



- Red (81%)
- Yellow (2%)
- Blue (27%)



- Cyan (0%)
- Magenta (98%)
- Yellow (66%)
- Black (19%)



- Cyan (19%)
- Magenta (98%)
- Yellow (72%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 73.637, 18.221 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, 73.637, 18.221 by changing the saturation by 10% instead.

 44, 73.637, 18.221

 44, 73.637, 18.221

 100, 73.637,
18.221

 34, 73.637, 18.221

 64, 73.637, 18.221

 24, 73.637, 18.221

 74, 73.637, 18.221

 14, 73.637, 18.221

 84, 73.637, 18.221

 4, 73.637, 18.221

 94, 73.637, 18.221

 0, 73.637, 18.221

 44, 73.637, 18.221

 44, 73.637, 18.221

 44, 74.313, 19.219

 45, 70.081, 13.029

 47, 65.278, 8.705

■ 50, 58.974, 5.266

■ 54, 51.370, 2.556

■ 58, 42.864, 0.399

■ 63, 33.872,
358.651

■ 68, 24.734,
357.201

■ 73, 15.692,
355.969

■ 79, 6.895, 354.877

Harmonies

Complementary

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



44, 73.637, 18.221



74, 62.017, 160.076

Rectangle

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



44, 73.637, 18.221



44, 73.637, 68.221



44, 73.637, 198.221



44, 73.637, 248.221

Sweetspot

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



44, 73.634, 18.223



81, 30.245, 357.369



38, 102.508, 316.373



41, 20.852, 357.976



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, 73.634, 18.223



54, 87.179, 19.969



45, 84.926, 42.206



41, 4.876, 355.017



35, 63.383, 18.305



4, 20.600, 4.227

Inverse Universe

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



44, 73.634, 18.223



54, 87.179, 19.969



65, 37.143, 227.965



41, 4.876, 355.017



35, 63.383, 18.305



4, 20.600, 4.227

Previews

White Background



This preview shows how the CIELCh color 44, 73.637, 18.221 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, 73.637, 18.221 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, 73.637, 18.221

Background



This preview shows how black text looks on a background with the CIELCh color 44, 73.637, 18.221.



This preview shows how white text looks on a background with the CIELCh color 44, 73.637, 18.221.

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, 73.563, 18.274

Protanopia

45, 1.958, 84.778

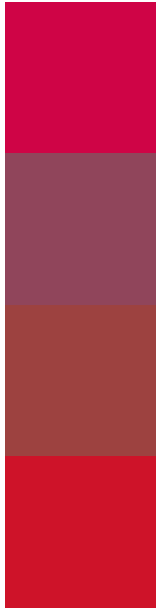
Deuteranopia

45, 27.458, 77.524



Tritanopia
44, 81.392, 37.009

Trichromacy



Original Color
44, 73.563, 18.274

Protanomaly
39, 34.193, 3.305

Deuteranomaly
40, 42.875, 28.170

Tritanomaly
44, 78.129, 31.127

Monochromacy



Original Color
44, 73.563, 18.274

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 34.810, 2.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 73.637, 18.221 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(207, 4, 70)` looks like.

```
.text, #text, p{  
    color:rgb(207, 4, 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(207, 4, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 4, 70) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 73.637, 18.221 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(207, 4, 70) }
```

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

```
.border{ border-color:rgb(207, 4, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 4, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 4, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 4, 70);  
box-shadow:4px 4px 4px 4px rgb(207, 4, 70)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 73.637, 18.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 4, 70) }
```

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

```
.background{ background-color: rgb(207, 4,  
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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