

Converting Colors

CIELCh(34, 100.923, 3.571)

Have a look what the booklet for
CIELCh(34, 100.923, 3.571) contains.

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Color

CIELCh(44, 73.231, 15.766)

Conversions

Conversions Part 1

Format	Color
Hex	CF014B
RGB	207, 1, 75
RGB Percent	81%, 0%, 29%
CMY	0.1871, 0.9964, 0.7050
CMYK	0.00, 1.00, 0.64, 0.19
HSL	338°, 99%, 41%
HSV	338°, 100%, 81%
XYZ	27.1019, 13.8382, 7.9382
YIQ	71.0300, 99.0220, 66.6860

Conversions

Conversions Part 2

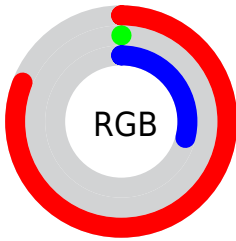
Format	Color
RYB	207, 1, 75
Decimal	13566283
CIELab	44.00, 70.48, 19.90
CIElCh	44, 73.231, 15.766
Yxy	13.8382, 0.5545, 0.2831
Android (android.graphics.Color)	4291756363 (0xFFCF014B)
YUV	71.0300, 1.9572, 119.2457
Hunter-Lab	37.1997, 64.9465, 13.3877

Details

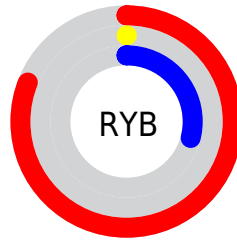
The CIELCh color **44, 73.231, 15.766** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **74, 65.140, 157.317**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **61, 67.498, 13.867**, and **29, 59.292, 26.511** is the 20% darker color. If you saturate the color by 10%, you get **44, 73.366, 15.996**, and if you desaturate by 10%, it is **45, 70.251, 10.683**.

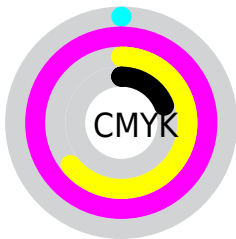
Distribution



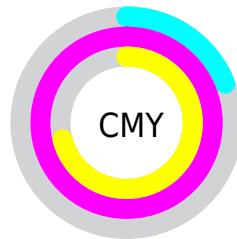
- Red (81%)
- Green (0%)
- Blue (29%)



- Red (81%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (19%)



- Cyan (19%)
- Magenta (100%)
- Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 73.231, 15.766 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, 73.231, 15.766 by changing the saturation by 10% instead.

 44, 73.231, 15.766

 44, 73.231, 15.766

 100, 73.231,
15.766

 34, 73.231, 15.766

 64, 73.231, 15.766

 24, 73.231, 15.766

 74, 73.231, 15.766

 14, 73.231, 15.766

 84, 73.231, 15.766

 4, 73.231, 15.766

 94, 73.231, 15.766

 0, 73.231, 15.766

 44, 73.231, 15.766

 44, 73.231, 15.766

 44, 73.366, 15.996

 45, 70.251, 10.683

 47, 66.050, 6.417

■ 50, 60.217, 3.033

■ 53, 52.932, 0.365

■ 57, 44.596,
358.241

■ 62, 35.646,
356.514

■ 67, 26.452,
355.078

■ 72, 17.282,
353.853

■ 78, 8.307, 352.772

Harmonies

Complementary

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



44, 73.231, 15.766



74, 65.140, 157.317

Rectangle

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



44, 73.231, 15.766



44, 73.231, 65.766



44, 73.231, 195.766



44, 73.231, 245.766

Sweetspot

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



44, 73.228, 15.768



81, 31.793, 355.185



37, 103.673, 315.293



40, 21.768, 355.776



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, 73.228, 15.768



54, 85.987, 16.730



44, 86.865, 41.584



41, 4.968, 352.757



35, 62.648, 15.106



5, 20.763, 2.392

Inverse Universe

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



44, 73.228, 15.768



54, 85.987, 16.730



67, 37.426, 221.202



41, 4.968, 352.757



35, 62.648, 15.106



5, 20.763, 2.392

Previews

White Background



This preview shows how the CIELCh color 44, 73.231, 15.766 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, 73.231, 15.766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

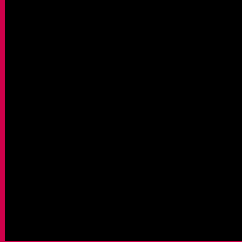
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 44, 73.231, 15.766

Background



This preview shows how black text looks on a background with the CIELCh color 44, 73.231, 15.766.



This preview shows how white text looks on a background with the CIELCh color 44, 73.231, 15.766.

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, 73.155, 15.817

Protanopia

45, 2.431, 300.115

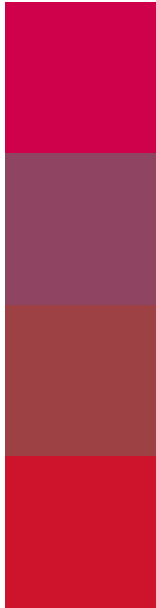
Deuteranopia

45, 24.630, 75.898



Tritanopia
44, 80.620, 36.707

Trichromacy



Original Color
44, 73.155, 15.817

Protanomaly
39, 35.158, 356.640

Deuteranomaly
40, 42.284, 23.756

Tritanomaly
44, 77.100, 29.656

Monochromacy



Original Color
44, 73.155, 15.817

Achromatopsia
30, 0.005, 296.813

Achromatomaly
31, 35.515, 0.306

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 73.231, 15.766 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, 1, 75)` looks like.

```
.text, #text, p{  
    color:rgb(207, 1, 75)  
}
```

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, 1, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 1, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 73.231, 15.766 is called "border". The border property can be set on classes, ids or directly on the HTML element.

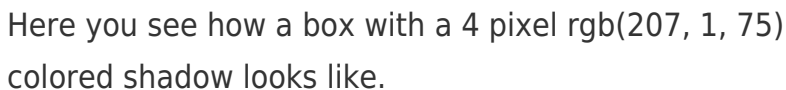
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 1, 75) }
```

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

```
.border{ border-color:rgb(207, 1, 75) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 1, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 1, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 1, 75);  
box-shadow:4px 4px 4px 4px rgb(207, 1, 75)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 44, 73.231, 15.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 1, 75) }
```

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

```
.background{ background-color: rgb(207, 1,  
75) }
```

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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