

Converting Colors

CIELCh(77, 13.874, 1.923)

Have a look what the booklet for
CIELCh(77, 13.874, 1.923) contains.

CIELCh(77, 14.039, 0.588)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(77, 14.039, 0.588)

Conversions

Conversions Part 1

Format	Color
Hex	D8B5BE
RGB	216, 181, 190
RGB Percent	85%, 71%, 75%
CMY	0.1518, 0.2891, 0.2538
CMYK	0.00, 0.16, 0.12, 0.15
HSL	345°, 31%, 78%
HSV	345°, 16%, 85%
XYZ	54.3075, 51.5317, 55.9582
YIQ	192.4910, 17.9710, 10.2190

Conversions

Conversions Part 2

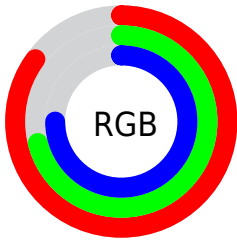
Format	Color
R _Y B	216, 181, 190
Decimal	14202302
CIE Lab	77.00, 14.04, 0.14
CIE LCh	77, 14.039, 0.588
Yxy	51.5317, 0.3357, 0.3185
Android (android.graphics.Color)	4292392382 (0xFFD8B5BE)
YUV	192.4910, -1.2281, 20.6174
Hunter-Lab	71.7856, 9.4146, 4.0323

Details

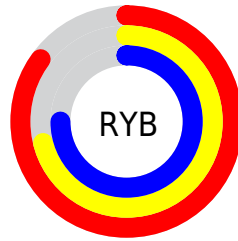
The CIELCh color $77, 14.039, 0.588$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $84, 13.299, 177.530$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 7.901, 344.179$, and $57, 14.181, 359.925$ is the 20% darker color. If you saturate the color by 10%, you get $71, 23.172, 1.837$, and if you desaturate by 10%, it is $83, 5.245, 359.484$.

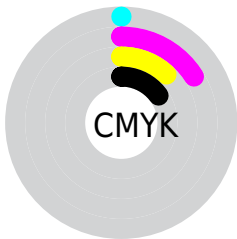
Distribution



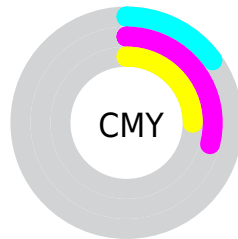
- Red (85%)
- Green (71%)
- Blue (75%)



- Red (85%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (15%)



- Cyan (15%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 14.039, 0.588 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 77, 14.039, 0.588 by changing the saturation by 10% instead.

77, 14.039, 0.588

77, 14.039, 0.588

100, 14.039, 0.588

67, 14.039, 0.588

97, 14.039, 0.588

57, 14.039, 0.588

47, 14.039, 0.588

37, 14.039, 0.588

27, 14.039, 0.588

17, 14.039, 0.588

7, 14.039, 0.588

0, 14.039, 0.588

77, 14.039, 0.588

77, 14.039, 0.588

71, 23.172, 1.837

83, 5.245, 359.484

66, 32.533, 3.312

89, 3.149, 178.842

61, 41.915, 5.108

95, 11.130,
177.926

56, 51.011, 7.340

97, 13.018,
197.628

52, 59.433, 10.157

49, 66.795, 13.727

97, 13.000,
198.638

47, 72.872, 18.179

46, 77.769, 23.478

46, 79.575, 25.529

Harmonies

Complementary

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



77, 14.039, 0.588



84, 13.299, 177.530

Rectangle

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



77, 14.039, 0.588



77, 14.039, 50.588



77, 14.039, 180.588



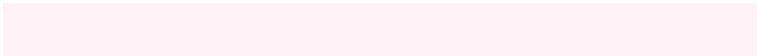
77, 14.039, 230.588

Sweetspot

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



77, 14.037, 0.594



97, 4.834, 359.352



77, 21.002, 317.462



51, 3.303, 359.435



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 14.037, 0.594



87, 18.954, 0.946



79, 11.202, 42.842



42, 4.810, 359.840



36, 66.286, 24.517



5, 22.160, 8.327

Inverse Universe

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



77, 14.037, 0.594



87, 18.954, 0.946



82, 10.121, 224.275



42, 4.810, 359.840



36, 66.286, 24.517



5, 22.160, 8.327

Previews

White Background



This preview shows how the CIELCh color 77, 14.039, 0.588 looks on a white background.

Color Contrast Check

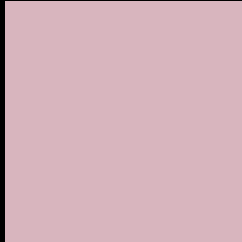
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 77, 14.039, 0.588 looks on a black 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 ✓ Pass

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

CIELCh 77, 14.039, 0.588

Background



This preview shows how black text looks on a background with the CIELCh color 77, 14.039, 0.588.



This preview shows how white text looks on a background with the CIELCh color 77, 14.039, 0.588.

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

77, 14.039, 0.588

Protanopia

77, 3.425, 309.167

Deuteranopia

77, 9.925, 1.358



Tritanopia
77, 15.392, 351.661

Trichromacy



Original Color
77, 14.039, 0.588

Protanomaly
77, 6.737, 346.059

Deuteranomaly
77, 11.535, 1.448

Tritanomaly
77, 14.944, 355.300

Monochromacy



Original Color
77, 14.039, 0.588

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 4.752, 359.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 14.039, 0.588 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(216, 181, 190)` looks like.

```
.text, #text, p{  
    color:rgb(216, 181, 190)  
}
```

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(216, 181, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 181, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 14.039, 0.588 is called "border". The border property can be set on classes, ids or directly on the HTML element.

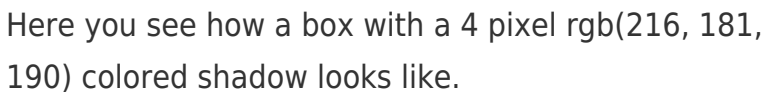
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 181, 190) }
```

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

```
.border{ border-color:rgb(216, 181, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 181, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 181, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 181, 190); box-shadow:4px 4px 4px 4px rgb(216, 181, 190) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 14.039, 0.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 181, 190) }
```

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

```
.background{ background-color: rgb(216,  
181, 190) }
```

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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