

Converting Colors

CIELCh(77, 15.719, 29.098)

Have a look what the booklet for
CIELCh(77, 15.719, 29.098) contains.

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Color

CIELCh(77, 15.692, 28.409)

Conversions

Conversions Part 1

Format	Color
Hex	DDB5B1
RGB	221, 181, 177
RGB Percent	87%, 71%, 69%
CMY	0.1338, 0.2906, 0.3063
CMYK	0.00, 0.18, 0.20, 0.13
HSL	5°, 39%, 78%
HSV	5°, 20%, 87%
XYZ	54.2149, 51.5317, 48.6312
YIQ	192.5040, 25.1240, 7.2360

Conversions

Conversions Part 2

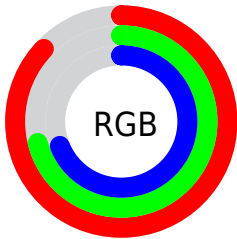
Format	Color
R _Y B	221, 181, 177
Decimal	14529969
CIE Lab	77.00, 13.80, 7.47
CIE LCh	77, 15.692, 28.409
Yxy	51.5317, 0.3512, 0.3338
Android (android.graphics.Color)	4292720049 (0xFFDDB5B1)
YUV	192.5040, -7.6435, 24.9910
Hunter-Lab	71.7856, 9.1843, 10.0839

Details

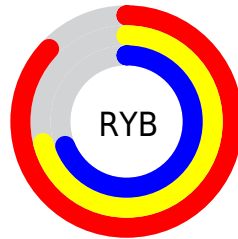
The CIELCh color **77, 15.692, 28.409** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84, 13.701, 207.418**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 6.806, 37.203**, and **57, 15.639, 29.265** is the 20% darker color. If you saturate the color by 10%, you get **72, 24.559, 29.071**, and if you desaturate by 10%, it is **83, 7.495, 27.929**.

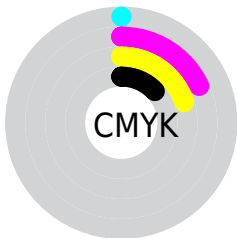
Distribution



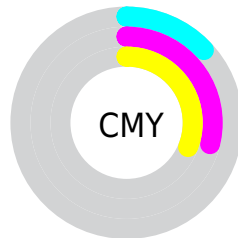
- Red (87%)
- Green (71%)
- Blue (69%)



- Red (87%)
- Yellow (71%)
- Blue (69%)



- Cyan (0%)
- Magenta (18%)
- Yellow (20%)
- Black (13%)



- Cyan (13%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 15.692, 28.409 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, 15.692, 28.409 by changing the saturation by 10% instead.

77, 15.692, 28.409

77, 15.692, 28.409

100, 15.692,
28.409

67, 15.692, 28.409

97, 15.692, 28.409

57, 15.692, 28.409

47, 15.692, 28.409

37, 15.692, 28.409

27, 15.692, 28.409

17, 15.692, 28.409

7, 15.692, 28.409

0, 15.692, 28.409

77, 15.692, 28.409

77, 15.692, 28.409

72, 24.559, 29.071

83, 7.495, 27.929

67, 34.102, 29.971

88, 0.062, 217.427

62, 44.264, 31.188

94, 7.032, 207.603

57, 54.908, 32.791

98, 11.513,
198.737

54, 65.778, 34.808

50, 76.402, 37.140

48, 85.793, 39.358

47, 92.452, 40.870

47, 92.503, 40.886

Harmonies

Complementary

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



77, 15.692, 28.409



84, 13.701, 207.418

Rectangle

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



77, 15.692, 28.409



77, 15.692, 78.409



77, 15.692, 208.409



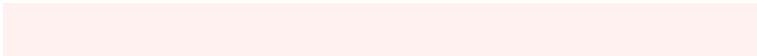
77, 15.692, 258.409

Sweetspot

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



77, 15.690, 28.418



96, 5.015, 27.744



77, 26.786, 327.908



51, 3.335, 27.779



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, 15.690, 28.418



85, 21.623, 28.672



82, 15.303, 81.286



43, 4.257, 27.907



37, 76.924, 41.077



6, 22.436, 24.923

Inverse Universe

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



84, 13.701, 207.418



95, 18.280, 207.387



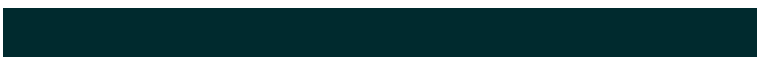
78, 14.904, 266.804



45, 4.005, 207.597



59, 33.681, 212.316



15, 13.723, 209.294

Previews

White Background



This preview shows how the CIELCh color 77, 15.692, 28.409 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, 15.692, 28.409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

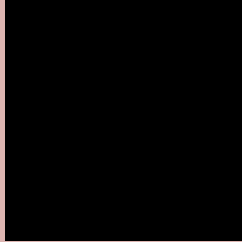
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 15.692, 28.409

Background



This preview shows how black text looks on a background with the CIELCh color 77, 15.692, 28.409.

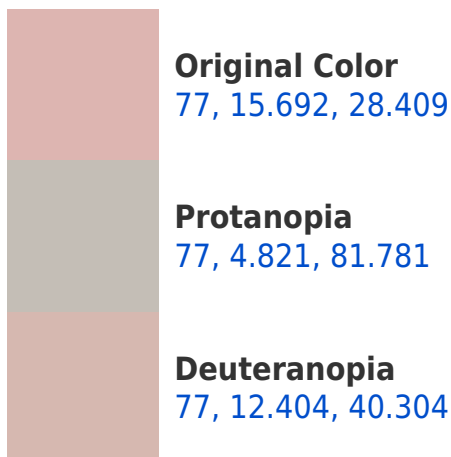


This preview shows how white text looks on a background with the CIELCh color 77, 15.692, 28.409.

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





Tritanopia
77, 17.953, 358.276

Trichromacy



Original Color
77, 15.692, 28.409

Protanomaly
77, 7.819, 48.346

Deuteranomaly
77, 13.741, 36.098

Tritanomaly
77, 16.396, 7.675

Monochromacy



Original Color
77, 15.692, 28.409

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 5.658, 25.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 15.692, 28.409 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(221, 181, 177)` looks like.

```
.text, #text, p{  
    color:rgb(221, 181, 177)  
}
```

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(221, 181, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 181, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 15.692, 28.409 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(221, 181, 177) }
```

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

```
.border{ border-color:rgb(221, 181, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 181, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 181, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 181, 177); box-shadow:4px 4px 4px 4px rgb(221, 181, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 15.692, 28.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 181, 177) }
```

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

```
.background{ background-color: rgb(221,  
181, 177) }
```

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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