

Converting Colors

CIELCh(77, 17.084, 68.268)

Have a look what the booklet for
CIELCh(77, 17.084, 68.268) contains.

CIELCh(77, 17.084, 68.268)	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, 17.084, 68.268)

Conversions

Conversions Part 1

Format	Color
Hex	D5B9A1
RGB	213, 185, 161
RGB Percent	84%, 73%, 63%
CMY	0.1639, 0.2738, 0.3679
CMYK	0.00, 0.13, 0.24, 0.16
HSL	28°, 38%, 73%
HSV	28°, 24%, 84%
XYZ	51.3349, 51.5317, 41.0439
YIQ	190.6360, 24.3920, -1.5280

Conversions

Conversions Part 2

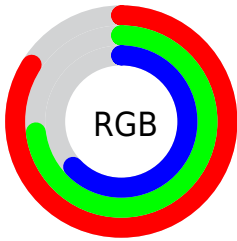
Format	Color
R _Y B	213, 206, 161
Decimal	14006689
CIE Lab	77.00, 6.33, 15.87
CIE LCh	77, 17.084, 68.268
Yxy	51.5317, 0.3567, 0.3581
Android (android.graphics.Color)	4292196769 (0xFFD5B9A1)
YUV	190.6360, -14.6105, 19.6132
Hunter-Lab	71.7856, 2.0229, 16.3505

Details

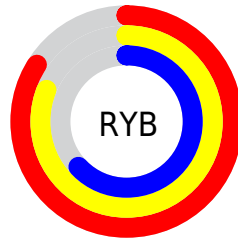
The CIELCh color **77, 17.084, 68.268** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75, 15.740, 254.677**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 13.778, 87.042**, and **57, 17.343, 68.416** is the 20% darker color. If you saturate the color by 10%, you get **74, 24.753, 67.112**, and if you desaturate by 10%, it is **80, 9.814, 69.433**.

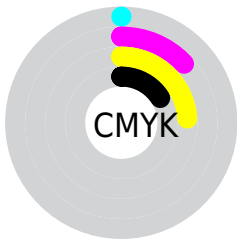
Distribution



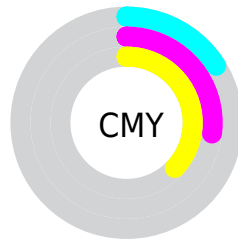
- Red (84%)
- Green (73%)
- Blue (63%)



- Red (84%)
- Yellow (81%)
- Blue (63%)



- Cyan (0%)
- Magenta (13%)
- Yellow (24%)
- Black (16%)



- Cyan (16%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 17.084, 68.268 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, 17.084, 68.268 by changing the saturation by 10% instead.

■ 77, 17.084, 68.268

■ 77, 17.084, 68.268

■ 100, 17.084,
68.268

■ 67, 17.084, 68.268

■ 97, 17.084, 68.268

■ 57, 17.084, 68.268

■ 47, 17.084, 68.268

■ 37, 17.084, 68.268

■ 27, 17.084, 68.268

■ 17, 17.084, 68.268

■ 7, 17.084, 68.268

■ 0, 17.084, 68.268

■ 77, 17.084, 68.268

■ 77, 17.084, 68.268

74, 24.753, 67.112

80, 9.814, 69.433

70, 32.826, 65.951

84, 2.916, 70.499

67, 41.269, 64.791

87, 3.643, 251.907

64, 49.961, 63.606

91, 9.898, 252.960

62, 58.618, 62.319

94, 11.571,
232.576

59, 66.648, 60.751

97, 13.669,
200.614

56, 73.041, 58.564

55, 75.941, 57.151

97, 13.987,
198.573

Harmonies

Complementary

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



77, 17.084, 68.268



75, 15.740, 254.677

Rectangle

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



77, 17.084, 68.268



77, 17.084, 118.268



77, 17.084, 248.268



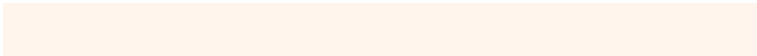
77, 17.084, 298.268

Sweetspot

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



77, 17.084, 68.277



97, 5.410, 70.243



72, 24.800, 343.120



52, 3.521, 70.179



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, 17.084, 68.277



89, 23.799, 67.706



84, 25.826, 105.638



43, 3.832, 69.991



45, 64.138, 57.777



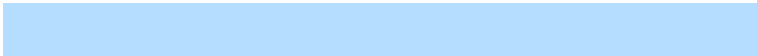
9, 17.087, 54.693

Inverse Universe

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



75, 15.740, 254.677



86, 21.521, 255.582



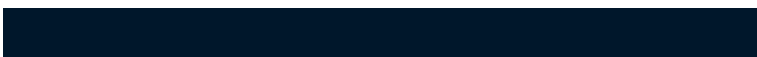
69, 27.192, 291.060



43, 3.727, 252.391



39, 49.228, 279.737



7, 16.250, 268.860

Previews

White Background



This preview shows how the CIELCh color 77, 17.084, 68.268 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, 17.084, 68.268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

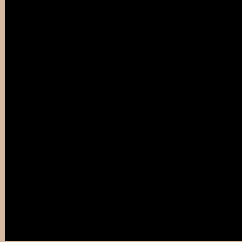
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 17.084, 68.268

Background



This preview shows how black text looks on a background with the CIELCh color 77, 17.084, 68.268.



This preview shows how white text looks on a background with the CIELCh color 77, 17.084, 68.268.

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, 17.084, 68.268

Protanopia

77, 14.938, 93.597

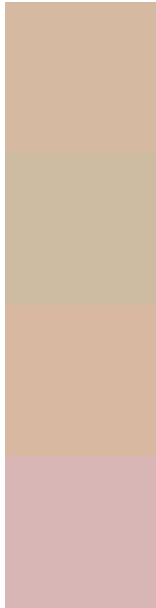
Deuteranopia

77, 18.354, 57.685



Tritanopia
77, 15.738, 352.383

Trichromacy



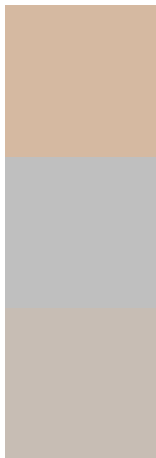
Original Color
77, 17.084, 68.268

Protanomaly
77, 15.454, 83.130

Deuteranomaly
77, 17.750, 61.321

Tritanomaly
77, 13.026, 20.448

Monochromacy



Original Color
77, 17.084, 68.268

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 6.114, 71.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 17.084, 68.268 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(213, 185, 161)` looks like.

```
.text, #text, p{  
    color:rgb(213, 185, 161)  
}
```

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(213, 185, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 185, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 17.084, 68.268 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(213, 185, 161) }
```

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

```
.border{ border-color:rgb(213, 185, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 185, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 185, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 185, 161);  
box-shadow:4px 4px 4px 4px rgb(213, 185,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 17.084, 68.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 185, 161) }
```

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

```
.background{ background-color: rgb(213,  
185, 161) }
```

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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