

Converting Colors

CIELCh(76, 11.735, 88.461)

Have a look what the booklet for
CIELCh(76, 11.735, 88.461) contains.

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Color

CIELCh(76, 11.544, 87.366)

Conversions

Conversions Part 1

Format	Color
Hex	C5BAA6
RGB	197, 186, 166
RGB Percent	77%, 73%, 65%
CMY	0.2265, 0.2696, 0.3481
CMYK	0.00, 0.06, 0.16, 0.23
HSL	39°, 21%, 71%
HSV	39°, 16%, 77%
XYZ	47.6069, 49.8872, 43.3121
YIQ	187.0090, 12.9760, -3.8880

Conversions

Conversions Part 2

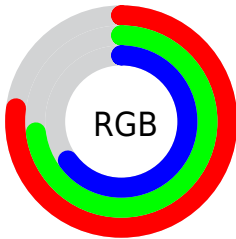
Format	Color
RYB	183, 197, 166
Decimal	12958374
CIELab	76.00, 0.53, 11.53
CIELCh	76, 11.544, 87.366
Yxy	49.8872, 0.3381, 0.3543
Android (android.graphics.Color)	4291148454 (0xFFC5BAA6)
YUV	187.0090, -10.3574, 8.7621
Hunter-Lab	70.6309, -3.2909, 13.0839

Details

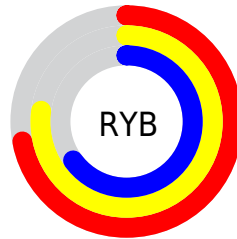
The CIELCh color **76, 11.544, 87.366** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72, 11.466, 271.564**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 11.582, 86.942**, and **56, 11.618, 87.682** is the 20% darker color. If you saturate the color by 10%, you get **74, 19.118, 86.072**, and if you desaturate by 10%, it is **78, 4.146, 88.609**.

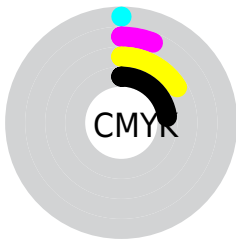
Distribution



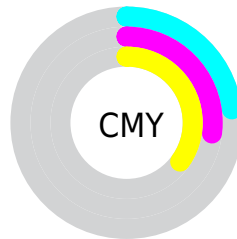
- Red (77%)
- Green (73%)
- Blue (65%)



- Red (72%)
- Yellow (77%)
- Blue (65%)



- Cyan (0%)
- Magenta (6%)
- Yellow (16%)
- Black (23%)



- Cyan (23%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 11.544, 87.366 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 76, 11.544, 87.366 by changing the saturation by 10% instead.

■ 76, 11.544, 87.366

■ 76, 11.544, 87.366

■ 100, 11.544,
87.366

■ 66, 11.544, 87.366

■ 96, 11.544, 87.366

■ 56, 11.544, 87.366

■ 46, 11.544, 87.366

■ 36, 11.544, 87.366

■ 26, 11.544, 87.366

■ 16, 11.544, 87.366

■ 6, 11.544, 87.366

■ 0, 11.544, 87.366

■ 76, 11.544, 87.366

■ 76, 11.544, 87.366

74, 19.118, 86.072

78, 4.146, 88.609

72, 26.846, 84.723

81, 3.080, 269.978

69, 34.682, 83.333

83, 10.139,
271.097

67, 42.517, 81.895

85, 17.043,
272.212

65, 50.141, 80.385

63, 57.166, 78.744

87, 19.078,
267.435

62, 62.958, 76.856

89, 16.949,
254.636

60, 66.728, 74.529

59, 67.997, 73.475

91, 15.840,
239.316

93, 15.940,
223.143

95, 17.199,
208.390

Harmonies

Complementary

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



76, 11.544, 87.366



72, 11.466, 271.564

Rectangle

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



76, 11.544, 87.366



76, 11.544, 137.366



76, 11.544, 267.366



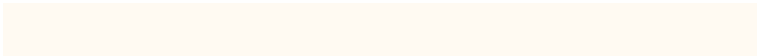
76, 11.544, 317.366

Sweetspot

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



76, 11.545, 87.377



99, 4.459, 88.681



71, 13.313, 352.985



52, 3.046, 88.601



0, 0.000, 0.000



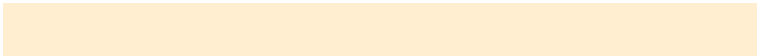
53, 0.007, 296.813

Same Dimension

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



76, 11.545, 87.377



95, 17.264, 86.917



79, 16.543, 114.212



41, 4.159, 88.172



49, 59.076, 73.934



9, 13.728, 76.098

Inverse Universe

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



72, 11.466, 271.564



89, 17.108, 272.129



69, 17.128, 296.737



39, 4.149, 270.643



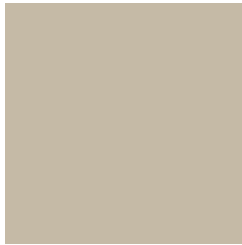
29, 66.992, 294.999



4, 16.334, 279.923

Previews

White Background



This preview shows how the CIELCh color 76, 11.544, 87.366 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 76, 11.544, 87.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

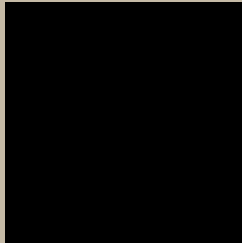
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

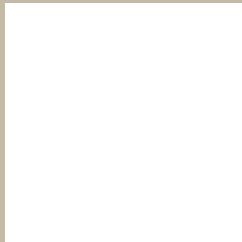
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 11.544, 87.366

Background



This preview shows how black text looks on a background with the CIELCh color 76, 11.544, 87.366.

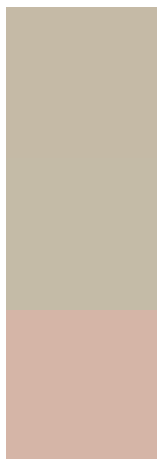


This preview shows how white text looks on a background with the CIELCh color 76, 11.544, 87.366.

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

76, 11.544, 87.366

Protanopia

76, 11.264, 91.080

Deuteranopia

76, 14.730, 50.688



Tritanopia
76, 10.327, 333.426

Trichromacy



Original Color
76, 11.544, 87.366

Protanomaly
76, 11.264, 91.080

Deuteranomaly
76, 12.772, 61.913

Tritanomaly
76, 6.046, 14.738

Monochromacy



Original Color
76, 11.544, 87.366

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.535, 90.306

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 11.544, 87.366 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(197, 186, 166)` looks like.

```
.text, #text, p{  
    color:rgb(197, 186, 166)  
}
```

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(197, 186, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 186, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 11.544, 87.366 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(197, 186, 166) }
```

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

```
.border{ border-color:rgb(197, 186, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 186, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 186, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 186, 166);  
box-shadow:4px 4px 4px 4px rgb(197, 186,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 11.544, 87.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 186, 166) }
```

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

```
.background{ background-color: rgb(197,  
186, 166) }
```

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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