

Converting Colors

CIELCh(76, 9.248, 87.395)

Have a look what the booklet for
CIELCh(76, 9.248, 87.395) contains.

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Color

CIELCh(76, 9.248, 87.300)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C3BAAA |
| RGB | 195, 186, 170 |
| RGB Percent | 76%, 73%, 67% |
| CMY | 0.2335, 0.2688, 0.3316 |
| CMYK | 0.00, 0.05, 0.13, 0.23 |
| HSL | 38°, 17%, 72% |
| HSV | 38°, 13%, 77% |
| XYZ | 47.5728, 49.8872, 45.3705 |
| YIQ | 186.8670, 10.5000, -3.0680 |

Conversions

Conversions Part 2

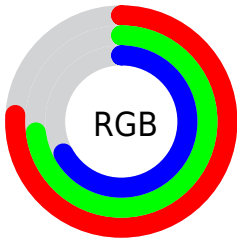
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 184, 195, 170 |
| Decimal | 12827306 |
| CIELab | 76.00, 0.44, 9.24 |
| CIELCh | 76, 9.248, 87.300 |
| Yxy | 49.8872, 0.3331, 0.3493 |
| Android (android.graphics.Color) | 4291017386 (0xFFC3BAAA) |
| YUV | 186.8670, -8.3154, 7.1326 |
| Hunter-Lab | 70.6309, -3.3771, 11.3561 |

Details

The CIELCh color $76, 9.248, 87.300$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73, 9.196, 270.696$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 9.402, 86.653$, and $56, 9.171, 87.934$ is the 20% darker color. If you saturate the color by 10%, you get $74, 16.686, 86.023$, and if you desaturate by 10%, it is $78, 1.990, 88.472$.

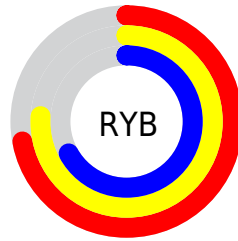
Distribution



Red (76%)

Green (73%)

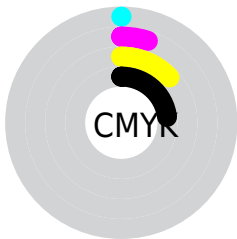
Blue (67%)



Red (72%)

Yellow (76%)

Blue (67%)

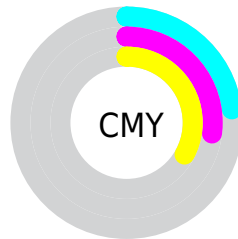


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 9.248, 87.300 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, 9.248, 87.300 by changing the saturation by 10% instead.

 76, 9.248, 87.300  76, 9.248, 87.300

 100, 9.248, 87.300  66, 9.248, 87.300

 96, 9.248, 87.300  56, 9.248, 87.300

 46, 9.248, 87.300

 36, 9.248, 87.300

 26, 9.248, 87.300

 16, 9.248, 87.300

 6, 9.248, 87.300

 0, 9.248, 87.300

 76, 9.248, 87.300  76, 9.248, 87.300

74, 16.686, 86.023

78, 1.990, 88.472

72, 24.291, 84.685

81, 5.095, 269.864

69, 32.027, 83.307

83, 12.014,
270.998

67, 39.811, 81.883

85, 18.781,
272.102

65, 47.474, 80.397

63, 54.694, 78.801

87, 19.164,
265.247

61, 60.919, 76.997

89, 17.179,
252.243

60, 65.374, 74.809

58, 67.542, 73.009

91, 16.240,
236.997

93, 16.498,
221.243

95, 17.874,
207.068

Harmonies

Complementary

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



76, 9.248, 87.300



73, 9.196, 270.696

Rectangle

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



76, 9.248, 87.300



76, 9.248, 137.300



76, 9.248, 267.300



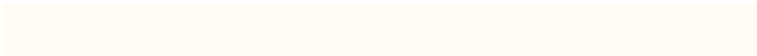
76, 9.248, 317.300

Sweetspot

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



76, 9.249, 87.313



99, 3.543, 88.355



72, 10.706, 352.673



53, 2.521, 88.274



0, 0.000, 0.000



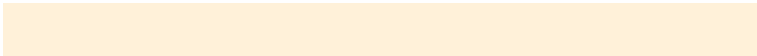
53, 0.007, 296.813

Same Dimension

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



76, 9.249, 87.313



96, 13.497, 87.003



78, 13.376, 114.437



40, 4.051, 87.740



49, 58.397, 73.495



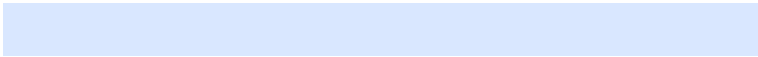
8, 12.231, 75.333

Inverse Universe

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



73, 9.196, 270.696



91, 13.396, 271.061



71, 13.760, 296.465



38, 4.039, 270.210



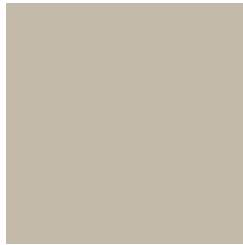
28, 65.565, 294.633



3, 14.734, 278.597

Previews

White Background



This preview shows how the CIELCh color 76, 9.248, 87.300 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, 9.248, 87.300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

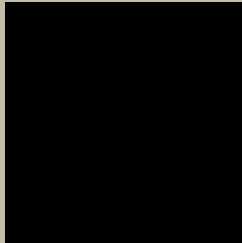
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

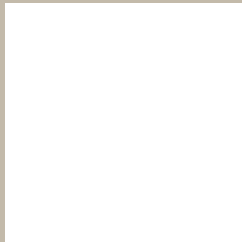
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 9.248, 87.300

Background



This preview shows how black text looks on a background with the CIELCh color 76, 9.248, 87.300.



This preview shows how white text looks on a background with the CIELCh color 76, 9.248, 87.300.

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, 9.248, 87.300

Protanopia

76, 9.101, 89.575

Deuteranopia

76, 12.670, 42.511



Tritanopia
76, 9.601, 328.482

Trichromacy



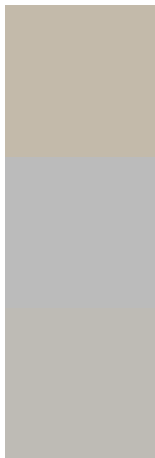
Original Color
76, 9.248, 87.300

Protanomaly
76, 9.101, 89.575

Deuteranomaly
76, 10.717, 56.677

Tritanomaly
76, 5.491, 2.729

Monochromacy



Original Color
76, 9.248, 87.300

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 3.397, 90.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 9.248, 87.300 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(195, 186, 170)` looks like.

```
.text, #text, p{  
    color:rgb(195, 186, 170)  
}
```

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(195, 186, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 186, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 9.248, 87.300 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(195, 186, 170) }
```

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

```
.border{ border-color:rgb(195, 186, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 186, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 186, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 186, 170);  
box-shadow:4px 4px 4px 4px rgb(195, 186,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 9.248, 87.300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 186, 170) }
```

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

```
.background{ background-color: rgb(195,  
186, 170) }
```

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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