

Converting Colors

CIELCh(76, 35.145, 95.862)

Have a look what the booklet for
CIELCh(76, 35.145, 95.862) contains.

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Color

CIELCh(76, 35.145, 95.862)

Conversions

Conversions Part 1

Format	Color
Hex	CBBB7A
RGB	203, 187, 122
RGB Percent	80%, 73%, 48%
CMY	0.2022, 0.2650, 0.5200
CMYK	0.00, 0.08, 0.40, 0.20
HSL	48°, 44%, 64%
HSV	48°, 40%, 80%
XYZ	46.1404, 49.8872, 25.7367
YIQ	184.3740, 30.4010, -16.8230

Conversions

Conversions Part 2

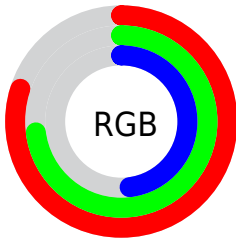
Format	Color
RYB	142, 203, 122
Decimal	13351802
CIELab	76.00, -3.59, 34.96
CIELCh	76, 35.145, 95.862
Yxy	49.8872, 0.3789, 0.4097
Android (android.graphics.Color)	4291541882 (0xFFCBBB7A)
YUV	184.3740, -30.7504, 16.3350
Hunter-Lab	70.6309, -6.9971, 27.8374

Details

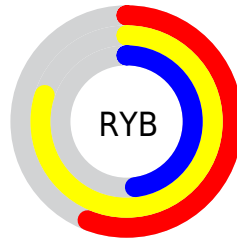
The CIELCh color **76, 35.145, 95.862** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59, 37.004, 286.637**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 34.803, 99.708**, and **56, 35.106, 96.203** is the 20% darker color. If you saturate the color by 10%, you get **75, 43.784, 94.635**, and if you desaturate by 10%, it is **77, 26.333, 97.080**.

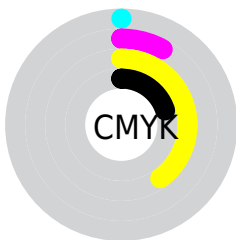
Distribution



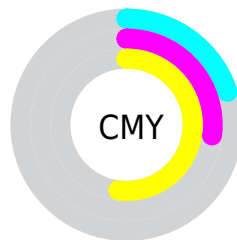
- Red (80%)
- Green (73%)
- Blue (48%)



- Red (56%)
- Yellow (80%)
- Blue (48%)



- Cyan (0%)
- Magenta (8%)
- Yellow (40%)
- Black (20%)



- Cyan (20%)
- Magenta (27%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 35.145, 95.862 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, 35.145, 95.862 by changing the saturation by 10% instead.

 76, 35.145, 95.862

 76, 35.145, 95.862

 100, 35.145,
95.862

 66, 35.145, 95.862

 96, 35.145, 95.862

 56, 35.145, 95.862

 46, 35.145, 95.862

 36, 35.145, 95.862

 26, 35.145, 95.862

 16, 35.145, 95.862

 6, 35.145, 95.862

 0, 35.145, 95.862

 76, 35.145, 95.862

 76, 35.145, 95.862

75, 43.784, 94.635

77, 26.333, 97.080

73, 52.029, 93.392

79, 17.470, 98.269

72, 59.522, 92.134

80, 8.628, 99.422

71, 65.724, 90.843

82, 0.153, 281.595

70, 69.965, 89.477

83, 8.855, 281.669

69, 72.080, 87.995

85, 17.468,
282.699

69, 72.111, 87.971

86, 20.960,
280.959

87, 19.127,
275.607

88, 17.492,
269.234

Harmonies

Complementary

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



76, 35.145, 95.862



59, 37.004, 286.637

Rectangle

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



76, 35.145, 95.862



76, 35.145, 145.862



76, 35.145, 275.862



76, 35.145, 325.862

Sweetspot

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



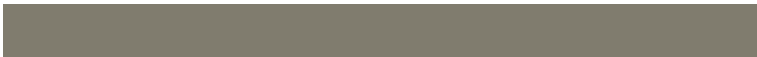
76, 35.146, 95.866



98, 12.660, 99.159



60, 33.867, 8.160



52, 8.402, 99.007



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, 35.146, 95.866



92, 50.699, 94.784



78, 43.303, 119.510



42, 4.986, 99.471



57, 62.009, 88.220



12, 17.569, 92.185

Inverse Universe

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



59, 37.004, 286.637



67, 54.353, 288.557



57, 47.075, 304.666



40, 5.044, 281.683



23, 84.405, 302.307



3, 20.339, 287.034

Previews

White Background



This preview shows how the CIELCh color 76, 35.145, 95.862 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 CIE LCh color 76, 35.145, 95.862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

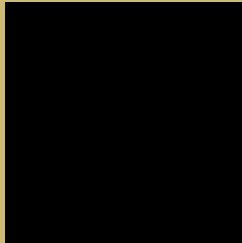
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 35.145, 95.862

Background



This preview shows how black text looks on a background with the CIELCh color 76, 35.145, 95.862.



This preview shows how white text looks on a background with the CIELCh color 76, 35.145, 95.862.

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, 35.145, 95.862

Protanopia

76, 35.235, 95.189

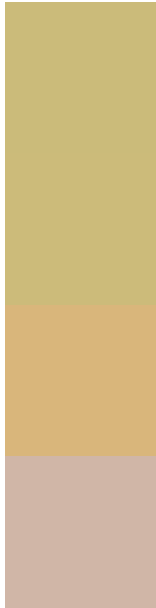
Deuteranopia

76, 35.721, 74.192



Tritanopia
76, 14.124, 348.514

Trichromacy



Original Color
76, 35.145, 95.862

Protanomaly
76, 35.235, 95.189

Deuteranomaly
76, 35.020, 82.112

Tritanomaly
76, 13.037, 57.928

Monochromacy



Original Color
76, 35.145, 95.862

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 13.078, 98.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 35.145, 95.862 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(203, 187, 122)` looks like.

```
.text, #text, p{  
    color:rgb(203, 187, 122)  
}
```

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(203, 187, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 187, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 35.145, 95.862 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(203, 187, 122) }
```

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

```
.border{ border-color:rgb(203, 187, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 187, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 187, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 187, 122);  
box-shadow:4px 4px 4px 4px rgb(203, 187,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 35.145, 95.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 187, 122) }
```

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

```
.background{ background-color: rgb(203,  
187, 122) }
```

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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