

Converting Colors

CIELCh(76, 24.285, 90.628)

Have a look what the booklet for
CIELCh(76, 24.285, 90.628) contains.

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Color

CIELCh(76, 24.161, 90.306)

Conversions

Conversions Part 1

Format	Color
Hex	CCBA8F
RGB	204, 186, 143
RGB Percent	80%, 73%, 56%
CMY	0.2003, 0.2709, 0.4395
CMYK	0.00, 0.09, 0.30, 0.20
HSL	42°, 37%, 68%
HSV	42°, 30%, 80%
XYZ	47.3701, 49.8872, 33.0864
YIQ	186.4800, 24.5310, -9.5570

Conversions

Conversions Part 2

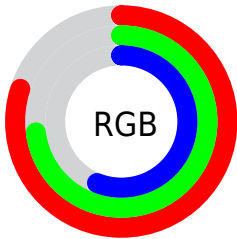
Format	Color
R_{YB}	169, 204, 143
Decimal	13417103
CIE Lab	76.00, -0.13, 24.16
CIE LCh	76, 24.161, 90.306
Yxy	49.8872, 0.3634, 0.3827
Android (android.graphics.Color)	4291607183 (0xFFCCBA8F)
YUV	186.4800, -21.4356, 15.3650
Hunter-Lab	70.6309, -3.8894, 21.6678

Details

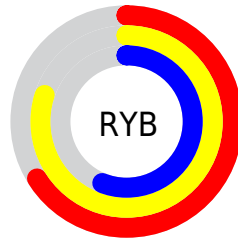
The CIELCh color **76, 24.161, 90.306** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 24.332, 278.573**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 23.464, 96.196**, and **56, 24.334, 90.407** is the 20% darker color. If you saturate the color by 10%, you get **74, 32.429, 88.982**, and if you desaturate by 10%, it is **78, 15.962, 91.602**.

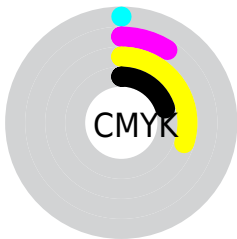
Distribution



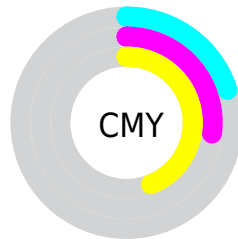
- Red (80%)
- Green (73%)
- Blue (56%)



- Red (66%)
- Yellow (80%)
- Blue (56%)



- Cyan (0%)
- Magenta (9%)
- Yellow (30%)
- Black (20%)



- Cyan (20%)
- Magenta (27%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 24.161, 90.306 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, 24.161, 90.306 by changing the saturation by 10% instead.

 76, 24.161, 90.306

 76, 24.161, 90.306

 100, 24.161,
90.306

 66, 24.161, 90.306

 96, 24.161, 90.306

 56, 24.161, 90.306

 46, 24.161, 90.306


 36, 24.161, 90.306

 26, 24.161, 90.306

 16, 24.161, 90.306

 6, 24.161, 90.306

 0, 24.161, 90.306

 76, 24.161, 90.306

 76, 24.161, 90.306

74, 32.429, 88.982

78, 15.962, 91.602

72, 40.671, 87.614

80, 7.875, 92.843

70, 48.709, 86.200

82, 0.079, 276.834

69, 56.227, 84.715

84, 7.897, 275.271

67, 62.697, 83.102

86, 15.581,
276.370

65, 67.385, 81.250

88, 18.061,
272.341

64, 70.007, 79.087

64, 70.030, 79.068

90, 15.914,
261.353

91, 14.497,
247.737

93, 14.014,
232.352

Harmonies

Complementary

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



76, 24.161, 90.306



66, 24.332, 278.573

Rectangle

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



76, 24.161, 90.306



76, 24.161, 140.306



76, 24.161, 270.306



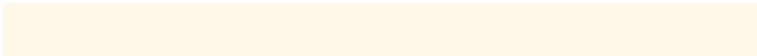
76, 24.161, 320.306

Sweetspot

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



76, 24.162, 90.312



98, 8.568, 92.938



66, 25.770, 359.253



52, 5.962, 92.760



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, 24.162, 90.312



91, 35.010, 89.444



80, 32.341, 115.950



42, 4.507, 92.905



53, 60.081, 79.473



11, 15.908, 82.877

Inverse Universe

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



66, 24.332, 278.573



77, 35.359, 279.868



62, 34.571, 300.468



40, 4.523, 275.295



27, 74.493, 298.322



3, 18.830, 283.664

Previews

White Background



This preview shows how the CIELCh color 76, 24.161, 90.306 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, 24.161, 90.306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

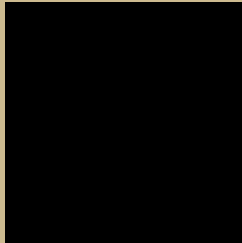
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 24.161, 90.306

Background



This preview shows how black text looks on a background with the CIELCh color 76, 24.161, 90.306.



This preview shows how white text looks on a background with the CIELCh color 76, 24.161, 90.306.

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, 24.161, 90.306

Protanopia

76, 24.092, 95.272

Deuteranopia

76, 25.619, 68.365



Tritanopia
76, 13.807, 347.637

Trichromacy



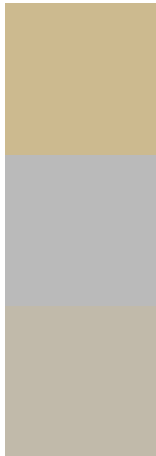
Original Color
76, 24.161, 90.306

Protanomaly
76, 24.189, 94.327

Deuteranomaly
76, 24.389, 75.684

Tritanomaly
76, 10.735, 40.497

Monochromacy



Original Color
76, 24.161, 90.306

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.988, 91.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 24.161, 90.306 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(204, 186, 143)` looks like.

```
.text, #text, p{  
    color:rgb(204, 186, 143)  
}
```

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(204, 186, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 186, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 24.161, 90.306 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(204, 186, 143) }
```

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

```
.border{ border-color:rgb(204, 186, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 186, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 186, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 186, 143);  
box-shadow:4px 4px 4px 4px rgb(204, 186,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 24.161, 90.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 186, 143) }
```

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

```
.background{ background-color: rgb(204,  
186, 143) }
```

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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