

Converting Colors

CIELCh(76, 26.163, 84.278)

Have a look what the booklet for
CIELCh(76, 26.163, 84.278) contains.

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Color

CIELCh(76, 25.960, 83.592)

Conversions

Conversions Part 1

Format	Color
Hex	D2B88C
RGB	210, 184, 140
RGB Percent	82%, 72%, 55%
CMY	0.1764, 0.2783, 0.4509
CMYK	0.00, 0.12, 0.33, 0.18
HSL	38°, 44%, 69%
HSV	38°, 33%, 82%
XYZ	48.4633, 49.8872, 31.8925
YIQ	186.7580, 29.6200, -8.1720

Conversions

Conversions Part 2

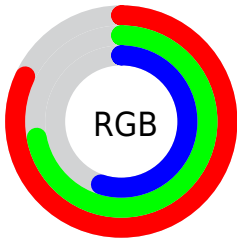
Format	Color
R_{YB}	181, 210, 140
Decimal	13809804
CIE Lab	76.00, 2.90, 25.80
CIE LCh	76, 25.960, 83.592
Yxy	49.8872, 0.3721, 0.3830
Android (android.graphics.Color)	4291999884 (0xFFD2B88C)
YUV	186.7580, -23.0517, 20.3832
Hunter-Lab	70.6309, -1.1266, 22.6700

Details

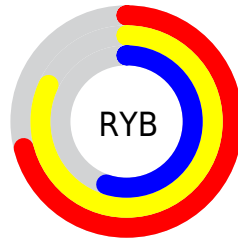
The CIELCh color **76, 25.960, 83.592** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 25.344, 273.353**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 24.173, 94.590**, and **56, 26.090, 84.010** is the 20% darker color. If you saturate the color by 10%, you get **74, 34.132, 82.208**, and if you desaturate by 10%, it is **78, 17.943, 84.947**.

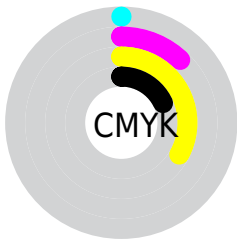
Distribution



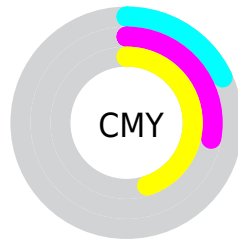
- Red (82%)
- Green (72%)
- Blue (55%)



- Red (71%)
- Yellow (82%)
- Blue (55%)



- Cyan (0%)
- Magenta (12%)
- Yellow (33%)
- Black (18%)



- Cyan (18%)
- Magenta (28%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 25.960, 83.592 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, 25.960, 83.592 by changing the saturation by 10% instead.

 76, 25.960, 83.592

 76, 25.960, 83.592

 100, 25.960,
83.592

 66, 25.960, 83.592

 96, 25.960, 83.592

 56, 25.960, 83.592

 46, 25.960, 83.592

 36, 25.960, 83.592

 26, 25.960, 83.592

 16, 25.960, 83.592

 6, 25.960, 83.592

 0, 25.960, 83.592

 76, 25.960, 83.592

 76, 25.960, 83.592

74, 34.132, 82.208

78, 17.943, 84.947

71, 42.366, 80.771

81, 10.115, 86.250

69, 50.478, 79.268

83, 2.488, 87.438

67, 58.114, 77.645

86, 4.945, 268.833

65, 64.663, 75.792

88, 12.194,
269.976

63, 69.277, 73.511

91, 14.151,
261.943

62, 71.325, 71.764

93, 12.549,
241.513

95, 12.784,
218.998

97, 14.726,
200.089

Harmonies

Complementary

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



76, 25.960, 83.592



68, 25.344, 273.353

Rectangle

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



76, 25.960, 83.592



76, 25.960, 133.592



76, 25.960, 263.592



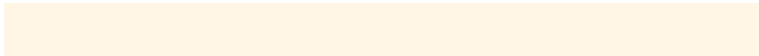
76, 25.960, 313.592

Sweetspot

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



76, 25.961, 83.598



97, 8.842, 86.656



66, 30.578, 354.038



51, 6.045, 86.478



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, 25.961, 83.598



89, 36.770, 82.613



82, 36.512, 112.124



43, 4.266, 86.743



50, 60.462, 72.300



10, 16.359, 74.335

Inverse Universe

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



68, 25.344, 273.353



77, 35.738, 274.915



61, 39.564, 298.117



41, 4.248, 269.248



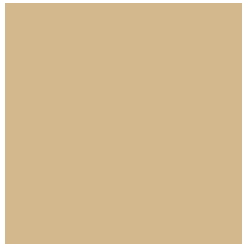
30, 66.809, 294.055



5, 18.949, 281.229

Previews

White Background



This preview shows how the CIELCh color 76, 25.960, 83.592 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, 25.960, 83.592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

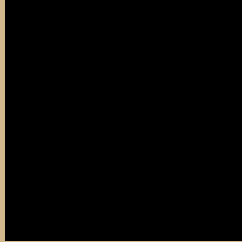
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 25.960, 83.592

Background



This preview shows how black text looks on a background with the CIELCh color 76, 25.960, 83.592.



This preview shows how white text looks on a background with the CIELCh color 76, 25.960, 83.592.

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, 25.960, 83.592

Protanopia

76, 25.221, 94.750

Deuteranopia

76, 27.195, 69.607



Tritanopia
76, 16.457, 353.756

Trichromacy



Original Color
76, 25.960, 83.592

Protanomaly
76, 25.179, 90.885

Deuteranomaly
76, 26.300, 73.728

Tritanomaly
76, 13.977, 38.158

Monochromacy



Original Color
76, 25.960, 83.592

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 9.248, 87.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 25.960, 83.592 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(210, 184, 140)` looks like.

```
.text, #text, p{  
    color:rgb(210, 184, 140)  
}
```

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(210, 184, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 184, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 25.960, 83.592 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(210, 184, 140) }
```

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

```
.border{ border-color:rgb(210, 184, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 184, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 184, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 184, 140);  
box-shadow:4px 4px 4px 4px rgb(210, 184,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 25.960, 83.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 184, 140) }
```

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

```
.background{ background-color: rgb(210,  
184, 140) }
```

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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