

Converting Colors

CIELCh(76, 27.024, 60.562)

Have a look what the booklet for
CIELCh(76, 27.024, 60.562) contains.

CIELCh(76, 26.870, 61.115)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(76, 26.870, 61.115)

Conversions

Conversions Part 1

Format	Color
Hex	E2B291
RGB	226, 178, 145
RGB Percent	89%, 70%, 57%
CMY	0.1149, 0.3030, 0.4324
CMYK	0.00, 0.21, 0.36, 0.11
HSL	24°, 58%, 73%
HSV	24°, 36%, 89%
XYZ	52.2264, 49.8872, 33.5563
YIQ	188.5900, 39.2010, -0.0870

Conversions

Conversions Part 2

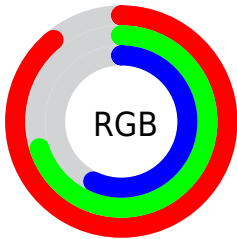
Format	Color
R _Y B	226, 201, 145
Decimal	14856849
CIE Lab	76.00, 12.98, 23.53
CIE LCh	76, 26.870, 61.115
Yxy	49.8872, 0.3850, 0.3677
Android (android.graphics.Color)	4293046929 (0xFFE2B291)
YUV	188.5900, -21.4899, 32.8086
Hunter-Lab	70.6309, 8.3836, 21.2733

Details

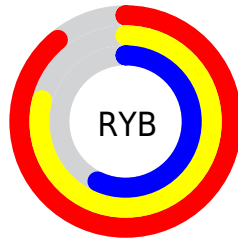
The CIELCh color **76, 26.870, 61.115** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 22.842, 250.190**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 19.680, 84.779**, and **56, 26.928, 61.003** is the 20% darker color. If you saturate the color by 10%, you get **72, 35.475, 60.171**, and if you desaturate by 10%, it is **80, 18.768, 62.106**.

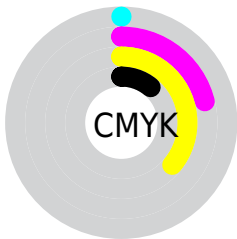
Distribution



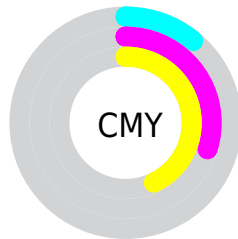
- Red (89%)
- Green (70%)
- Blue (57%)



- Red (89%)
- Yellow (79%)
- Blue (57%)



- Cyan (0%)
- Magenta (21%)
- Yellow (36%)
- Black (11%)



- Cyan (11%)
- Magenta (30%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 26.870, 61.115 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, 26.870, 61.115 by changing the saturation by 10% instead.

 76, 26.870, 61.115

 76, 26.870, 61.115

 100, 26.870,
61.115

 66, 26.870, 61.115

 96, 26.870, 61.115

 56, 26.870, 61.115

 46, 26.870, 61.115

 36, 26.870, 61.115

 26, 26.870, 61.115

 16, 26.870, 61.115

 6, 26.870, 61.115

 0, 26.870, 61.115

 76, 26.870, 61.115

 76, 26.870, 61.115

72, 35.475, 60.171

80, 18.768, 62.106

69, 44.553, 59.254

84, 11.157, 63.110

66, 53.976, 58.342

87, 4.001, 64.070

62, 63.429, 57.345

91, 2.741, 245.406

59, 72.228, 56.047

95, 8.246, 239.631

57, 79.177, 54.034

98, 9.941, 198.844

56, 81.624, 53.125

Harmonies

Complementary

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



76, 26.870, 61.115



76, 22.842, 250.190

Rectangle

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



76, 26.870, 61.115



76, 26.870, 111.115



76, 26.870, 241.115



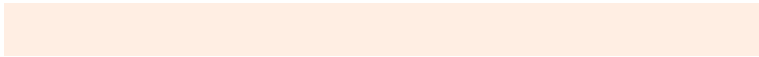
76, 26.870, 291.115

Sweetspot

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



76, 26.870, 61.122



95, 8.409, 63.587



70, 39.467, 341.686



50, 5.674, 63.452



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, 26.870, 61.122



82, 36.413, 60.413



86, 37.726, 101.969



45, 3.893, 63.745



44, 67.408, 53.779



10, 19.949, 50.089

Inverse Universe

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



76, 22.842, 250.190



82, 29.770, 251.852



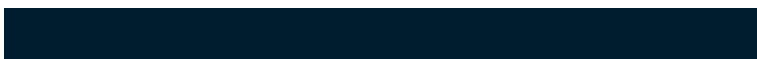
65, 40.504, 290.792



45, 3.755, 245.948



43, 45.155, 273.176



10, 16.309, 263.197

Previews

White Background



This preview shows how the CIELCh color 76, 26.870, 61.115 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, 26.870, 61.115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

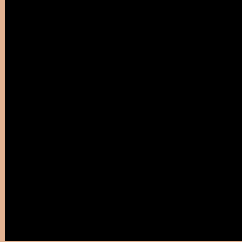
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 26.870, 61.115

Background



This preview shows how black text looks on a background with the CIELCh color 76, 26.870, 61.115.



This preview shows how white text looks on a background with the CIELCh color 76, 26.870, 61.115.

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, 26.870, 61.115

Protanopia

76, 20.888, 94.887

Deuteranopia

76, 25.619, 68.365



Tritanopia
76, 23.180, 4.138

Trichromacy



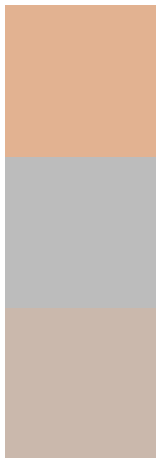
Original Color
76, 26.870, 61.115

Protanomaly
76, 22.359, 81.245

Deuteranomaly
76, 26.095, 65.644

Tritanomaly
76, 21.444, 26.860

Monochromacy



Original Color
76, 26.870, 61.115

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 9.487, 62.350

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 26.870, 61.115 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(226, 178, 145)` looks like.

```
.text, #text, p{  
    color:rgb(226, 178, 145)  
}
```

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(226, 178, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 178, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 26.870, 61.115 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(226, 178, 145) }
```

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

```
.border{ border-color:rgb(226, 178, 145) }
```

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

Here you see how a box with a 4 pixel rgb(226, 178, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 178, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 178, 145);  
box-shadow:4px 4px 4px 4px rgb(226, 178,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 26.870, 61.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 178, 145) }
```

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

```
.background{ background-color: rgb(226,  
178, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor