

Converting Colors

CIELCh(80, 27.144, 72.521)

Have a look what the booklet for
CIELCh(80, 27.144, 72.521) contains.

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Color

CIELCh(80, 26.910, 73.062)

Conversions

Conversions Part 1

Format	Color
Hex	E6C097
RGB	230, 192, 151
RGB Percent	90%, 75%, 59%
CMY	0.0985, 0.2475, 0.4083
CMYK	0.00, 0.17, 0.34, 0.10
HSL	31°, 61%, 75%
HSV	31°, 34%, 90%
XYZ	56.9944, 56.6813, 37.1668
YIQ	198.6880, 35.8090, -4.6950

Conversions

Conversions Part 2

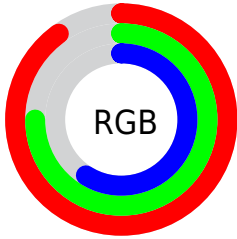
Format	Color
R _Y B	224, 230, 151
Decimal	15122583
CIE Lab	80.00, 7.84, 25.74
CIE LCh	80, 26.910, 73.062
Yxy	56.6813, 0.3778, 0.3758
Android (android.graphics.Color)	4293312663 (0xFFE6C097)
YUV	198.6880, -23.5102, 27.4606
Hunter-Lab	75.2870, 3.3774, 23.4313

Details

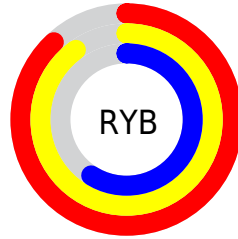
The CIELCh color **80, 26.910, 73.062** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 24.709, 263.156**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 21.980, 101.614**, and **60, 26.812, 73.650** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.499, 71.755**, and if you desaturate by 10%, it is **83, 18.660, 74.362**.

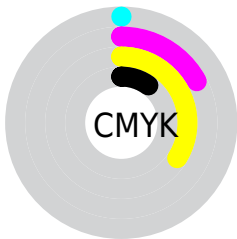
Distribution



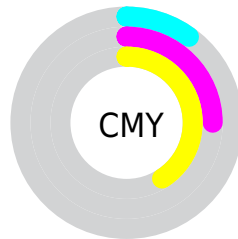
- Red (90%)
- Green (75%)
- Blue (59%)



- Red (88%)
- Yellow (90%)
- Blue (59%)



- Cyan (0%)
- Magenta (17%)
- Yellow (34%)
- Black (10%)



- Cyan (10%)
- Magenta (25%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 26.910, 73.062 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 80, 26.910, 73.062 by changing the saturation by 10% instead.

 80, 26.910, 73.062

 80, 26.910, 73.062

 100, 26.910,
73.062

 70, 26.910, 73.062

 60, 26.910, 73.062

 50, 26.910, 73.062

 40, 26.910, 73.062

 30, 26.910, 73.062

 20, 26.910, 73.062

 10, 26.910, 73.062

 0, 26.910, 73.062

 80, 26.910, 73.062

 80, 26.910, 73.062

77, 35.499, 71.755

83, 18.660, 74.362

74, 44.368, 70.415

86, 10.759, 75.628

71, 53.357, 69.019

90, 3.193, 76.797

68, 62.122, 67.491

93, 4.065, 258.239

66, 69.992, 65.660

96, 7.055, 233.907

63, 75.925, 63.223

98, 8.562, 198.942

62, 78.428, 61.616

Harmonies

Complementary

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



80, 26.910, 73.062



75, 24.709, 263.156

Rectangle

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



80, 26.910, 73.062



80, 26.910, 123.062



80, 26.910, 253.062



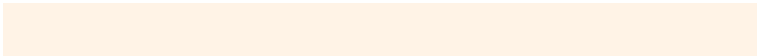
80, 26.910, 303.062

Sweetspot

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



80, 26.910, 73.068



96, 8.072, 76.155



71, 35.755, 347.936



51, 5.525, 75.984



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 26.910, 73.068



86, 35.453, 72.168



90, 40.283, 107.596



46, 4.203, 76.228



49, 64.713, 62.286



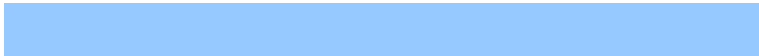
12, 20.942, 62.714

Inverse Universe

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



75, 24.709, 263.156



79, 31.945, 264.749



65, 43.910, 295.118



46, 4.123, 258.763



38, 57.252, 285.768



8, 20.443, 277.278

Previews

White Background



This preview shows how the CIELCh color 80, 26.910, 73.062 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 80, 26.910, 73.062 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 80, 26.910, 73.062

Background



This preview shows how black text looks on a background with the CIELCh color 80, 26.910, 73.062.



This preview shows how white text looks on a background with the CIELCh color 80, 26.910, 73.062.

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

80, 26.910, 73.062

Protanopia

80, 23.936, 94.502

Deuteranopia

80, 27.417, 68.476



Tritanopia
80, 20.299, 358.153

Trichromacy



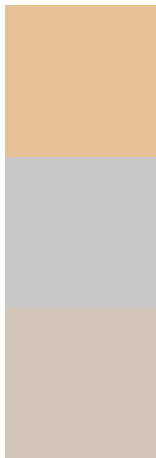
Original Color
80, 26.910, 73.062

Protanomaly
80, 24.643, 85.982

Deuteranomaly
80, 27.272, 70.411

Tritanomaly
80, 17.766, 30.974

Monochromacy



Original Color
80, 26.910, 73.062

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 9.146, 73.752

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 26.910, 73.062 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(230, 192, 151)` looks like.

```
.text, #text, p{  
    color:rgb(230, 192, 151)  
}
```

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(230, 192, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 192, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 26.910, 73.062 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(230, 192, 151) }
```

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

```
.border{ border-color:rgb(230, 192, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 192, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 192, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 192, 151);  
box-shadow:4px 4px 4px 4px rgb(230, 192,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 26.910, 73.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 192, 151) }
```

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

```
.background{ background-color: rgb(230,  
192, 151) }
```

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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