

Converting Colors

CIELCh(80, 33.313, 75.555)

Have a look what the booklet for
CIELCh(80, 33.313, 75.555) contains.

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Color

CIELCh(80, 33.140, 75.038)

Conversions

Conversions Part 1

Format	Color
Hex	EABF8B
RGB	234, 191, 139
RGB Percent	92%, 75%, 55%
CMY	0.0819, 0.2506, 0.4545
CMYK	0.00, 0.18, 0.41, 0.08
HSL	33°, 69%, 73%
HSV	33°, 41%, 92%
XYZ	57.2853, 56.6813, 32.3833
YIQ	197.9290, 42.3200, -7.0560

Conversions

Conversions Part 2

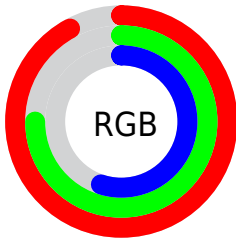
Format	Color
R _Y B	218, 234, 139
Decimal	15384459
CIE Lab	80.00, 8.56, 32.02
CIE LCh	80, 33.140, 75.038
Yxy	56.6813, 0.3914, 0.3873
Android (android.graphics.Color)	4293574539 (0xFFEABF8B)
YUV	197.9290, -29.0520, 31.6343
Hunter-Lab	75.2870, 4.0671, 27.1984

Details

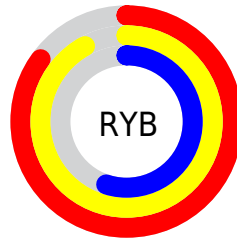
The CIELCh color **80, 33.140, 75.038** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **73, 30.531, 267.546**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 27.552, 101.681**, and **60, 33.438, 75.202** is the 20% darker color. If you saturate the color by 10%, you get **77, 42.042, 73.662**, and if you desaturate by 10%, it is **83, 24.499, 76.393**.

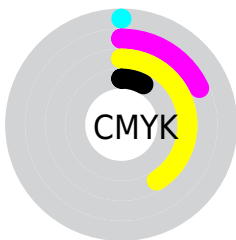
Distribution



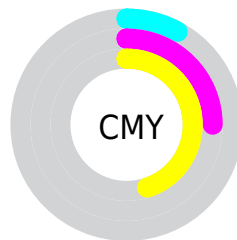
- Red (92%)
- Green (75%)
- Blue (55%)



- Red (85%)
- Yellow (92%)
- Blue (55%)



- Cyan (0%)
- Magenta (18%)
- Yellow (41%)
- Black (8%)



- Cyan (8%)
- Magenta (25%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 33.140, 75.038 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, 33.140, 75.038 by changing the saturation by 10% instead.

 80, 33.140, 75.038

 80, 33.140, 75.038

 100, 33.140,
75.038

 70, 33.140, 75.038

 60, 33.140, 75.038

 50, 33.140, 75.038

 40, 33.140, 75.038

 30, 33.140, 75.038

 20, 33.140, 75.038

 10, 33.140, 75.038

 0, 33.140, 75.038

 80, 33.140, 75.038

 80, 33.140, 75.038

77, 42.042, 73.662

83, 24.499, 76.393

74, 51.073, 72.231

86, 16.167, 77.713

71, 59.950, 70.695

89, 8.149, 78.990

69, 68.114, 68.932

93, 0.433, 79.442

66, 74.636, 66.705

96, 6.502, 258.966

64, 78.726, 64.037

98, 7.039, 200.398

99, 7.151, 199.045

Harmonies

Complementary

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



80, 33.140, 75.038



73, 30.531, 267.546

Rectangle

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



80, 33.140, 75.038



80, 33.140, 125.038



80, 33.140, 255.038



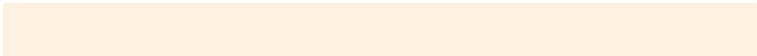
80, 33.140, 305.038

Sweetspot

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



80, 33.140, 75.043



96, 9.932, 78.807



69, 42.427, 349.755



51, 6.605, 78.641



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, 33.140, 75.043



84, 43.551, 73.852



91, 47.986, 107.786



48, 4.372, 79.128



50, 64.794, 64.694



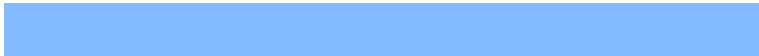
14, 22.279, 66.050

Inverse Universe

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



73, 30.531, 267.546



74, 39.419, 269.801



62, 53.351, 296.662



47, 4.306, 261.692



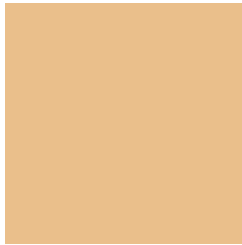
37, 61.200, 288.312



8, 22.357, 280.603

Previews

White Background



This preview shows how the CIELCh color 80, 33.140, 75.038 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, 33.140, 75.038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

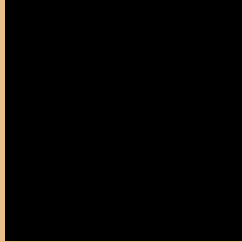
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 33.140, 75.038

Background



This preview shows how black text looks on a background with the CIELCh color 80, 33.140, 75.038.



This preview shows how white text looks on a background with the CIELCh color 80, 33.140, 75.038.

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, 33.140, 75.038

Protanopia

80, 30.250, 95.006

Deuteranopia

80, 33.728, 72.277



Tritanopia
80, 22.820, 1.091

Trichromacy



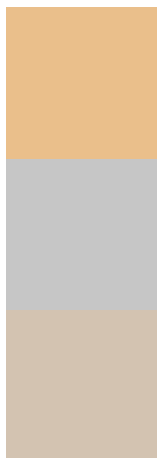
Original Color
80, 33.140, 75.038

Protanomaly
80, 30.572, 87.090

Deuteranomaly
80, 33.471, 72.845

Tritanomaly
80, 21.018, 33.963

Monochromacy



Original Color
80, 33.140, 75.038

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 11.381, 76.486

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 33.140, 75.038 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(234, 191, 139)` looks like.

```
.text, #text, p{  
    color:rgb(234, 191, 139)  
}
```

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(234, 191, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 191, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 33.140, 75.038 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(234, 191, 139) }
```

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

```
.border{ border-color:rgb(234, 191, 139) }
```

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

Here you see how a box with a 4 pixel rgb(234, 191, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 191, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 191, 139);  
box-shadow:4px 4px 4px 4px rgb(234, 191,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 33.140, 75.038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 191, 139) }
```

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

```
.background{ background-color: rgb(234,  
191, 139) }
```

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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