

Converting Colors

CIELCh(80, 27.450, 57.007)

Have a look what the booklet for
CIELCh(80, 27.450, 57.007) contains.

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Color

CIELCh(80, 27.450, 57.007)

Conversions

Conversions Part 1

Format	Color
Hex	F0BB9C
RGB	240, 187, 156
RGB Percent	94%, 73%, 61%
CMY	0.0574, 0.2653, 0.3870
CMYK	0.00, 0.22, 0.35, 0.06
HSL	22°, 74%, 78%
HSV	22°, 35%, 94%
XYZ	59.9256, 56.6813, 39.3785
YIQ	199.3130, 41.5390, 1.5950

Conversions

Conversions Part 2

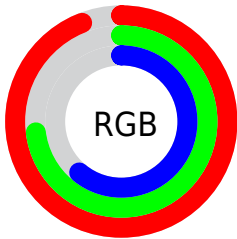
Format	Color
R _Y B	240, 205, 156
Decimal	15776668
CIE Lab	80.00, 14.95, 23.02
CIE LCh	80, 27.450, 57.007
Yxy	56.6813, 0.3842, 0.3634
Android (android.graphics.Color)	4293966748 (0xFFFF0BB9C)
YUV	199.3130, -21.3533, 35.6825
Hunter-Lab	75.2870, 10.3270, 21.6895

Details

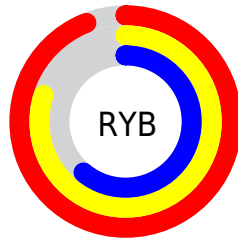
The CIELCh color **80, 27.450, 57.007** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 22.891, 244.917**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 16.917, 93.544**, and **60, 27.108, 57.296** is the 20% darker color. If you saturate the color by 10%, you get **76, 36.564, 56.247**, and if you desaturate by 10%, it is **84, 18.921, 57.838**.

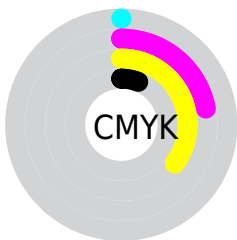
Distribution



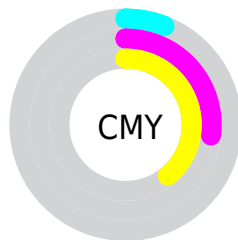
- Red (94%)
- Green (73%)
- Blue (61%)



- Red (94%)
- Yellow (80%)
- Blue (61%)



- Cyan (0%)
- Magenta (22%)
- Yellow (35%)
- Black (6%)



- Cyan (6%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 27.450, 57.007 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, 27.450, 57.007 by changing the saturation by 10% instead.

80, 27.450, 57.007

80, 27.450, 57.007

100, 27.450,
57.007

70, 27.450, 57.007

60, 27.450, 57.007

50, 27.450, 57.007

40, 27.450, 57.007

30, 27.450, 57.007

20, 27.450, 57.007

10, 27.450, 57.007

0, 27.450, 57.007

80, 27.450, 57.007

80, 27.450, 57.007

76, 36.564, 56.247

84, 18.921, 57.838

72, 46.243, 55.543

88, 10.956, 58.700

68, 56.375, 54.881

93, 3.511, 59.511

65, 66.659, 54.180

97, 3.467, 240.749

62, 76.408, 53.226

99, 5.042, 199.217

59, 84.336, 51.583

58, 87.552, 50.554

Harmonies

Complementary

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



80, 27.450, 57.007



81, 22.891, 244.917

Rectangle

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



80, 27.450, 57.007



80, 27.450, 107.007



80, 27.450, 237.007



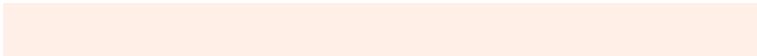
80, 27.450, 287.007

Sweetspot

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



80, 27.449, 57.014



95, 7.555, 59.122



74, 41.374, 339.954



50, 5.179, 59.003



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, 27.449, 57.014



81, 35.481, 56.457



90, 37.518, 100.252



48, 4.075, 59.169



45, 71.116, 51.195



12, 24.060, 48.114

Inverse Universe

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



81, 22.891, 244.917



83, 28.323, 246.404



70, 39.888, 289.091



48, 3.906, 241.174



47, 43.281, 267.825



13, 17.195, 259.342

Previews

White Background



This preview shows how the CIELCh color 80, 27.450, 57.007 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, 27.450, 57.007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

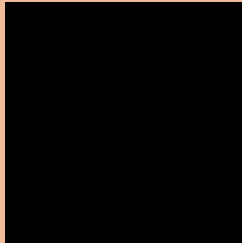
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 27.450, 57.007

Background



This preview shows how black text looks on a background with the CIELCh color 80, 27.450, 57.007.



This preview shows how white text looks on a background with the CIELCh color 80, 27.450, 57.007.

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, 27.450, 57.007

Protanopia

80, 20.153, 94.765

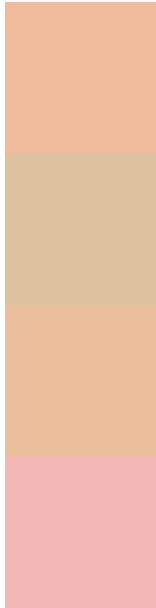
Deuteranopia

80, 25.139, 67.168



Tritanopia
80, 24.530, 4.051

Trichromacy



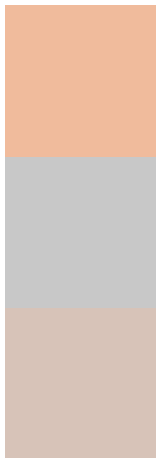
Original Color
80, 27.450, 57.007

Protanomaly
80, 21.575, 78.412

Deuteranomaly
80, 25.931, 63.824

Tritanomaly
80, 23.000, 23.882

Monochromacy



Original Color
80, 27.450, 57.007

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 9.614, 57.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 27.450, 57.007 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(240, 187, 156)` looks like.

```
.text, #text, p{  
    color:rgb(240, 187, 156)  
}
```

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(240, 187, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 187, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 27.450, 57.007 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(240, 187, 156) }
```

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

```
.border{ border-color:rgb(240, 187, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 187, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 187, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 187, 156);  
box-shadow:4px 4px 4px 4px rgb(240, 187,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 27.450, 57.007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 187, 156) }
```

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

```
.background{ background-color: rgb(240,  
187, 156) }
```

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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