

Converting Colors

CIELCh(80, 26.778, 37.238)

Have a look what the booklet for
CIELCh(80, 26.778, 37.238) contains.

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Color

CIELCh(80, 26.778, 37.238)

Conversions

Conversions Part 1

Format	Color
Hex	F7B7A9
RGB	247, 183, 169
RGB Percent	97%, 72%, 66%
CMY	0.0302, 0.2813, 0.3362
CMYK	0.00, 0.26, 0.32, 0.03
HSL	11°, 84%, 82%
HSV	11°, 32%, 97%
XYZ	62.6370, 56.6813, 45.3069
YIQ	200.5400, 42.6380, 9.2140

Conversions

Conversions Part 2

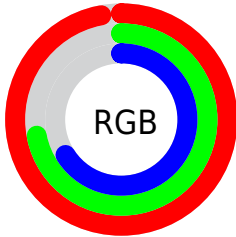
Format	Color
R _Y B	247, 186, 169
Decimal	16234409
CIE Lab	80.00, 21.32, 16.20
CIE LCh	80, 26.778, 37.238
Yxy	56.6813, 0.3805, 0.3443
Android (android.graphics.Color)	4294424489 (0xFFF7B7A9)
YUV	200.5400, -15.5492, 40.7454
Hunter-Lab	75.2870, 16.7557, 17.0208

Details

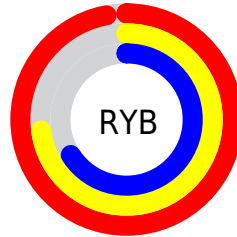
The CIELCh color **80, 26.778, 37.238** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 21.381, 218.302**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 9.644, 72.134**, and **60, 26.627, 37.541** is the 20% darker color. If you saturate the color by 10%, you get **75, 36.769, 37.634**, and if you desaturate by 10%, it is **85, 17.532, 37.042**.

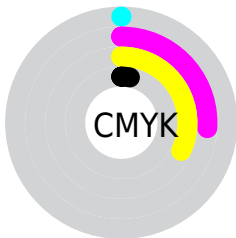
Distribution



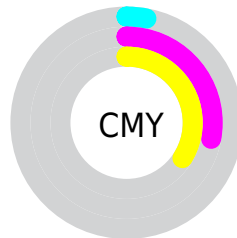
- Red (97%)
- Green (72%)
- Blue (66%)



- Red (97%)
- Yellow (73%)
- Blue (66%)



- Cyan (0%)
- Magenta (26%)
- Yellow (32%)
- Black (3%)



- Cyan (3%)
- Magenta (28%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 26.778, 37.238 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, 26.778, 37.238 by changing the saturation by 10% instead.

 80, 26.778, 37.238

 80, 26.778, 37.238

 100, 26.778,
37.238

 70, 26.778, 37.238

 60, 26.778, 37.238

 50, 26.778, 37.238

 40, 26.778, 37.238

 30, 26.778, 37.238

 20, 26.778, 37.238

 10, 26.778, 37.238

 0, 26.778, 37.238

 80, 26.778, 37.238

 80, 26.778, 37.238

75, 36.769, 37.634

85, 17.532, 37.042

70, 47.488, 38.257

91, 9.010, 36.969

65, 58.830, 39.146

96, 1.160, 36.564

61, 70.542, 40.286

99, 2.670, 199.484

58, 82.064, 41.526

55, 92.138, 42.403

54, 98.306, 42.512

Harmonies

Complementary

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



80, 26.778, 37.238



89, 21.381, 218.302

Rectangle

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



80, 26.778, 37.238



80, 26.778, 87.238



80, 26.778, 217.238



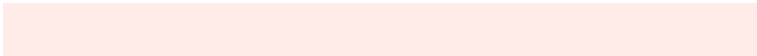
80, 26.778, 267.238

Sweetspot

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



80, 26.776, 37.244



95, 7.121, 36.958



79, 43.839, 331.368



50, 4.978, 36.965



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, 26.776, 37.244



79, 33.978, 37.473



89, 28.880, 87.017



48, 4.359, 36.961



41, 78.998, 42.894



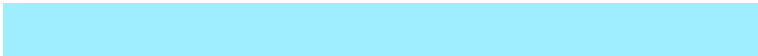
10, 27.771, 34.652

Inverse Universe

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



89, 21.381, 218.302



90, 25.687, 218.775



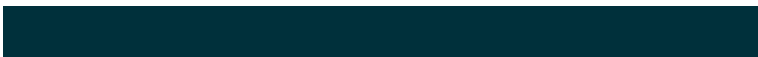
79, 28.683, 276.121



50, 4.103, 217.406



58, 34.432, 231.118



18, 15.286, 225.939

Previews

White Background



This preview shows how the CIELCh color 80, 26.778, 37.238 looks on a white background.

Color Contrast Check

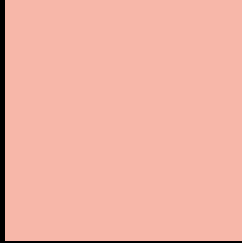
Large Text (above 18pt) WCAG AA × Fail

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, 26.778, 37.238 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, 26.778, 37.238

Background



This preview shows how black text looks on a background with the CIELCh color 80, 26.778, 37.238.

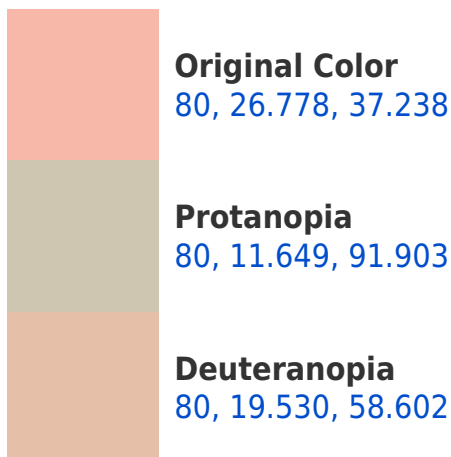


This preview shows how white text looks on a background with the CIELCh color 80, 26.778, 37.238.

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





Tritanopia
80, 27.461, 7.423

Trichromacy



Original Color
80, 26.778, 37.238

Protanomaly
80, 15.231, 61.204

Deuteranomaly
80, 22.036, 49.173

Tritanomaly
80, 26.411, 18.229

Monochromacy



Original Color
80, 26.778, 37.238

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 9.281, 39.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 26.778, 37.238 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(247, 183, 169)` looks like.

```
.text, #text, p{  
    color:rgb(247, 183, 169)  
}
```

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(247, 183, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 183, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 26.778, 37.238 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(247, 183, 169) }
```

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

```
.border{ border-color:rgb(247, 183, 169) }
```

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

Here you see how a box with a 4 pixel rgb(247, 183, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 183, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 183, 169);  
box-shadow:4px 4px 4px 4px rgb(247, 183,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 26.778, 37.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 183, 169) }
```

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

```
.background{ background-color: rgb(247,  
183, 169) }
```

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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