

Converting Colors

CIELCh(77, 34.111, 80.999)

Have a look what the booklet for
CIELCh(77, 34.111, 80.999) contains.

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Color

CIELCh(77, 34.147, 80.973)

Conversions

Conversions Part 1

Format	Color
Hex	DDB980
RGB	221, 185, 128
RGB Percent	87%, 73%, 50%
CMY	0.1340, 0.2751, 0.4986
CMYK	0.00, 0.16, 0.42, 0.13
HSL	37°, 58%, 68%
HSV	37°, 42%, 87%
XYZ	50.9696, 51.5317, 27.6302
YIQ	189.2660, 39.7530, -10.0950

Conversions

Conversions Part 2

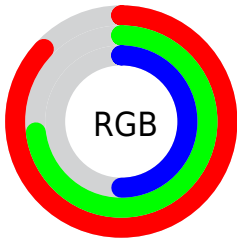
Format	Color
RYB	187, 221, 128
Decimal	14530944
CIELab	77.00, 5.36, 33.72
CIELCh	77, 34.147, 80.973
Yxy	51.5317, 0.3917, 0.3960
Android (android.graphics.Color)	4292721024 (0xFFDDB980)
YUV	189.2660, -30.2041, 27.8307
Hunter-Lab	71.7856, 1.1147, 27.4292

Details

The CIELCh color **77, 34.147, 80.973** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67, 32.831, 274.009**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 31.014, 97.655**, and **57, 34.004, 80.970** is the 20% darker color. If you saturate the color by 10%, you get **75, 42.701, 79.543**, and if you desaturate by 10%, it is **80, 25.704, 82.369**.

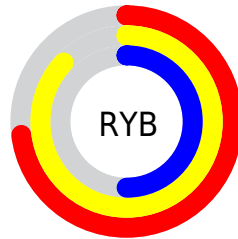
Distribution



Red (87%)

Green (73%)

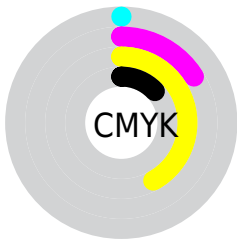
Blue (50%)



Red (73%)

Yellow (87%)

Blue (50%)

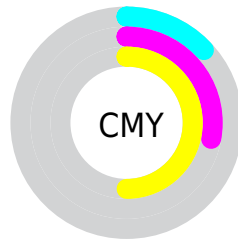


Cyan (0%)

Magenta (16%)

Yellow (42%)

Black (13%)



Cyan (13%)

Magenta (28%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 34.147, 80.973 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 77, 34.147, 80.973 by changing the saturation by 10% instead.

 77, 34.147, 80.973

 77, 34.147, 80.973

 100, 34.147,
80.973

 67, 34.147, 80.973

 97, 34.147, 80.973

 57, 34.147, 80.973

 47, 34.147, 80.973

 37, 34.147, 80.973

 27, 34.147, 80.973

 17, 34.147, 80.973

 7, 34.147, 80.973

 0, 34.147, 80.973

 77, 34.147, 80.973

 77, 34.147, 80.973

75, 42.701, 79.543

80, 25.704, 82.369

72, 51.193, 78.044

82, 17.450, 83.719

70, 59.284, 76.430

85, 9.417, 85.022

68, 66.373, 74.588

87, 1.607, 86.141

66, 71.573, 72.318

90, 5.988, 267.608

64, 74.192, 70.179

93, 10.913,
262.775

95, 9.523, 232.986

97, 10.947,
203.571

98, 11.533,
198.736

Harmonies

Complementary

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



77, 34.147, 80.973



67, 32.831, 274.009

Rectangle

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



77, 34.147, 80.973



77, 34.147, 130.973



77, 34.147, 260.973



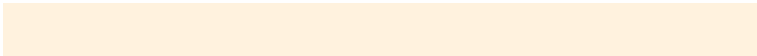
77, 34.147, 310.973

Sweetspot

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



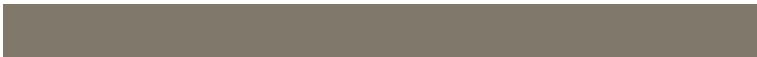
77, 34.147, 80.978



96, 11.382, 84.894



65, 40.632, 354.235



51, 7.991, 84.608



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 34.147, 80.978



85, 46.941, 79.645



86, 47.545, 110.698



45, 4.373, 85.358



51, 61.895, 70.765



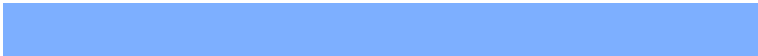
12, 18.893, 72.789

Inverse Universe

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



67, 32.831, 274.009



71, 44.872, 276.426



58, 52.976, 298.826



43, 4.346, 267.890



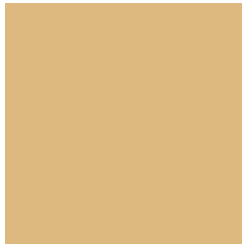
32, 66.638, 293.118



6, 21.258, 282.575

Previews

White Background



This preview shows how the CIELCh color 77, 34.147, 80.973 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 CIE LCh color 77, 34.147, 80.973 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 77, 34.147, 80.973

Background



This preview shows how black text looks on a background with the CIELCh color 77, 34.147, 80.973.



This preview shows how white text looks on a background with the CIELCh color 77, 34.147, 80.973.

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](#).

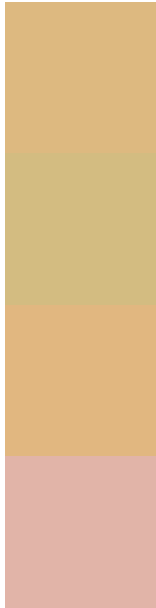
Dichromacy





Tritanopia
77, 20.290, 359.653

Trichromacy



Original Color
77, 34.147, 80.973

Protanomaly
77, 32.848, 90.214

Deuteranomaly
77, 34.587, 76.591

Tritanomaly
77, 19.027, 40.269

Monochromacy



Original Color
77, 34.147, 80.973

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 12.023, 82.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 34.147, 80.973 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(221, 185, 128)` looks like.

```
.text, #text, p{  
    color:rgb(221, 185, 128)  
}
```

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(221, 185, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 185, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 34.147, 80.973 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(221, 185, 128) }
```

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

```
.border{ border-color:rgb(221, 185, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 185, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 185, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 185, 128); box-shadow:4px 4px 4px 4px rgb(221, 185, 128) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 34.147, 80.973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 185, 128) }
```

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

```
.background{ background-color: rgb(221,  
185, 128) }
```

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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