

Converting Colors

CIELCh(77, 33.206, 81.429)

Have a look what the booklet for
CIELCh(77, 33.206, 81.429) contains.

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Color

CIELCh(77, 32.987, 80.980)

Conversions

Conversions Part 1

Format	Color
Hex	DCB982
RGB	220, 185, 130
RGB Percent	86%, 73%, 51%
CMY	0.1372, 0.2744, 0.4901
CMYK	0.00, 0.16, 0.41, 0.14
HSL	37°, 56%, 69%
HSV	37°, 41%, 86%
XYZ	50.8996, 51.5317, 28.3866
YIQ	189.1950, 38.5150, -9.6850

Conversions

Conversions Part 2

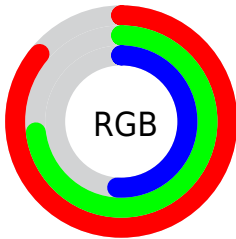
Format	Color
RYB	187, 220, 130
Decimal	14465410
CIELab	77.00, 5.17, 32.58
CIElCh	77, 32.987, 80.980
Yxy	51.5317, 0.3891, 0.3939
Android (android.graphics.Color)	4292655490 (0xFFDCB982)
YUV	189.1950, -29.1831, 27.0160
Hunter-Lab	71.7856, 0.9407, 26.8045

Details

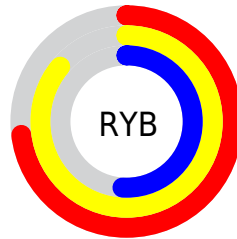
The CIELCh color **77, 32.987, 80.980** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67, 31.710, 273.563**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 30.022, 97.423**, and **57, 32.789, 81.067** is the 20% darker color. If you saturate the color by 10%, you get **75, 41.506, 79.557**, and if you desaturate by 10%, it is **80, 24.595, 82.370**.

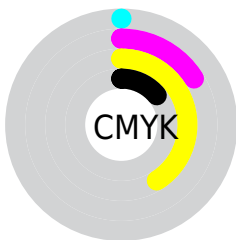
Distribution



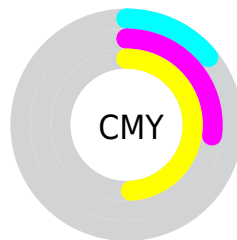
- Red (86%)
- Green (73%)
- Blue (51%)



- Red (73%)
- Yellow (86%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (41%)
- Black (14%)



- Cyan (14%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 32.987, 80.980 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, 32.987, 80.980 by changing the saturation by 10% instead.

■ 77, 32.987, 80.980

■ 77, 32.987, 80.980

■ 100, 32.987,
80.980

■ 67, 32.987, 80.980

■ 97, 32.987, 80.980

■ 57, 32.987, 80.980

■ 47, 32.987, 80.980

■ 37, 32.987, 80.980

■ 27, 32.987, 80.980

■ 17, 32.987, 80.980

■ 7, 32.987, 80.980

■ 0, 32.987, 80.980

■ 77, 32.987, 80.980

■ 77, 32.987, 80.980

75, 41.506, 79.557

80, 24.595, 82.370

72, 49.995, 78.069

82, 16.401, 83.715

70, 58.143, 76.473

85, 8.430, 85.010

68, 65.388, 74.667

88, 0.683, 85.873

66, 70.872, 72.461

90, 6.851, 267.584

64, 74.001, 70.016

93, 10.972,
260.869

95, 9.751, 231.250

97, 11.285,
202.787

98, 11.799,
198.718

Harmonies

Complementary

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



77, 32.987, 80.980



67, 31.710, 273.563

Rectangle

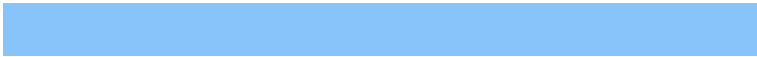
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77, 32.987, 80.980



77, 32.987, 130.980



77, 32.987, 260.980



77, 32.987, 310.980

Sweetspot

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



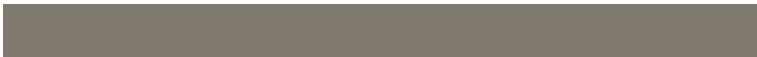
77, 32.987, 80.985



96, 10.474, 84.860



65, 39.362, 354.048



51, 6.961, 84.692



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, 32.987, 80.985



86, 44.968, 79.775



85, 46.120, 110.790



45, 4.366, 85.195



51, 61.908, 70.596



12, 18.877, 72.586

Inverse Universe

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



67, 31.710, 273.563



72, 42.965, 275.717



59, 51.190, 298.649



43, 4.338, 267.728



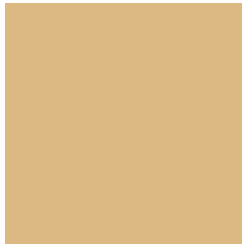
32, 66.426, 292.995



6, 21.210, 282.468

Previews

White Background



This preview shows how the CIELCh color 77, 32.987, 80.980 looks on a white background.

Color Contrast Check

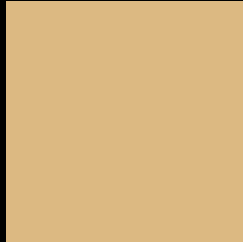
Large Text (above 18pt) WCAG AA × Fail

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, 32.987, 80.980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

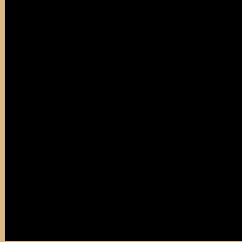
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 32.987, 80.980

Background



This preview shows how black text looks on a background with the CIELCh color 77, 32.987, 80.980.



This preview shows how white text looks on a background with the CIELCh color 77, 32.987, 80.980.

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

77, 32.987, 80.980

Protanopia

77, 31.493, 95.131

Deuteranopia

77, 33.526, 73.241



Tritanopia
77, 19.934, 359.203

Trichromacy



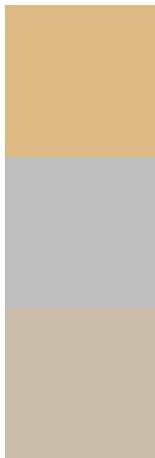
Original Color
77, 32.987, 80.980

Protanomaly
77, 31.845, 89.811

Deuteranomaly
77, 32.961, 76.063

Tritanomaly
77, 18.425, 39.173

Monochromacy



Original Color
77, 32.987, 80.980

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 11.672, 85.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 32.987, 80.980 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(220, 185, 130)` looks like.

```
.text, #text, p{  
    color:rgb(220, 185, 130)  
}
```

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(220, 185, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 185, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 32.987, 80.980 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(220, 185, 130) }
```

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

```
.border{ border-color:rgb(220, 185, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 185, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 185, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 185, 130);  
box-shadow:4px 4px 4px 4px rgb(220, 185,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 32.987, 80.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 185, 130) }
```

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

```
.background{ background-color: rgb(220,  
185, 130) }
```

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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