

Converting Colors

CIELCh(88, 32.774, 77.461)

Have a look what the booklet for
CIELCh(88, 32.774, 77.461) contains.

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Color

CIELCh(88, 32.802, 77.499)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6A0
RGB	255, 214, 160
RGB Percent	100%, 84%, 63%
CMY	0.0000, 0.1598, 0.3717
CMYK	0.00, 0.16, 0.37, 0.00
HSL	34°, 100%, 81%
HSV	34°, 37%, 100%
XYZ	71.8024, 72.0653, 43.4865
YIQ	220.1030, 41.7700, -8.1020

Conversions

Conversions Part 2

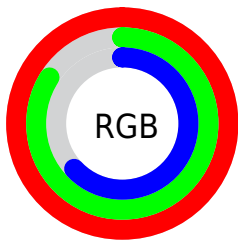
Format	Color
R_{YB}	232, 255, 160
Decimal	16766624
CIE Lab	88.00, 7.10, 32.02
CIE LCh	88, 32.802, 77.499
Yxy	72.0653, 0.3832, 0.3846
Android (android.graphics.Color)	4294956704 (0xFFFFD6A0)
YUV	220.1030, -29.6308, 30.6047
Hunter-Lab	84.8913, 2.4185, 29.0519

Details

The CIELCh color **88, 32.802, 77.499** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 30.815, 268.997**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.216, 108.647**, and **68, 32.728, 76.923** is the 20% darker color. If you saturate the color by 10%, you get **85, 42.235, 76.253**, and if you desaturate by 10%, it is **91, 23.522, 79.022**.

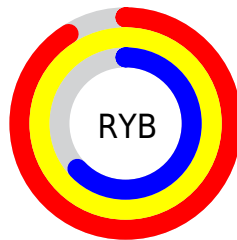
Distribution



Red (100%)

Green (84%)

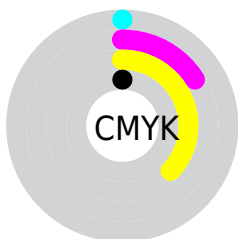
Blue (63%)



Red (91%)

Yellow (100%)

Blue (63%)

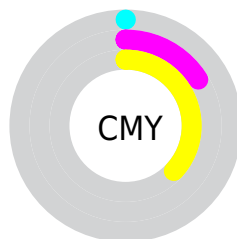


Cyan (0%)

Magenta (16%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 32.802, 77.499 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 88, 32.802, 77.499 by changing the saturation by 10% instead.

 88, 32.802, 77.499

 88, 32.802, 77.499

 100, 32.802,
77.499

 78, 32.802, 77.499

 68, 32.802, 77.499


 58, 32.802, 77.499

 48, 32.802, 77.499

 38, 32.802, 77.499

 28, 32.802, 77.499

 18, 32.802, 77.499

 8, 32.802, 77.499

 0, 32.802, 77.499

88, 32.802, 77.499

88, 32.802, 77.499

85, 42.235, 76.253

91, 23.522, 79.022

82, 51.864, 74.803

94, 14.599, 80.353

79, 61.377, 73.266

98, 5.983, 81.621

76, 70.264, 71.548

100, 0.012,
296.813

74, 77.638, 69.461

71, 82.412, 66.716

71, 83.478, 65.880

Harmonies

Complementary

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



88, 32.802, 77.499



80, 30.815, 268.997

Rectangle

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



88, 32.802, 77.499



88, 32.802, 127.499



88, 32.802, 257.499



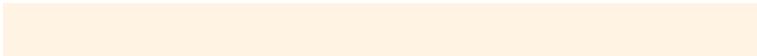
88, 32.802, 307.499

Sweetspot

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



88, 32.748, 77.655



96, 9.251, 81.147



77, 40.957, 351.389



51, 6.231, 80.975



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 32.748, 77.655



86, 40.162, 76.560



98, 47.324, 109.570



52, 4.768, 81.335



54, 67.109, 66.553



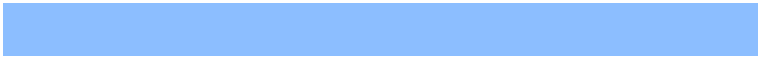
17, 27.179, 68.860

Inverse Universe

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



80, 30.815, 268.997



76, 37.307, 270.918



70, 52.026, 297.133



50, 4.710, 263.926



38, 66.795, 290.303



10, 26.902, 284.327

Previews

White Background



This preview shows how the CIE LCh color 88, 32.802, 77.499 looks on a white background.

Color Contrast Check

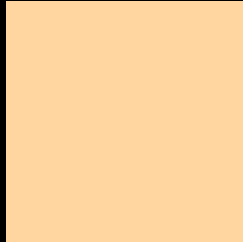
Large Text (above 18pt) WCAG AA × Fail

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 88, 32.802, 77.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

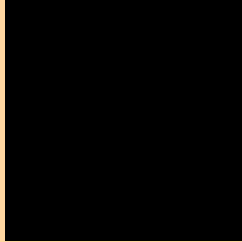
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 32.802, 77.499

Background



This preview shows how black text looks on a background with the CIELCh color 88, 32.802, 77.499.



This preview shows how white text looks on a background with the CIELCh color 88, 32.802, 77.499.

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
88, 18.146, 358.997

Trichromacy



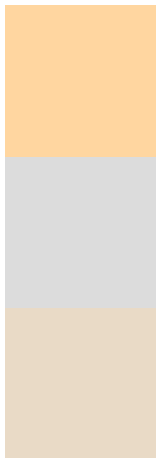
Original Color
88, 32.802, 77.499

Protanomaly
88, 31.222, 89.013

Deuteranomaly
88, 29.035, 72.890

Tritanomaly
88, 17.767, 39.165

Monochromacy



Original Color
88, 32.802, 77.499

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 11.840, 80.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 32.802, 77.499 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(255, 214, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 160)  
}
```

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(255, 214, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 32.802, 77.499 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(255, 214, 160) }
```

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

```
.border{ border-color:rgb(255, 214, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 32.802, 77.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 160) }
```

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

```
.background{ background-color: rgb(255,  
214, 160) }
```

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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