

Converting Colors

CIELCh(90, 21.797, 77.281)

Have a look what the booklet for
CIELCh(90, 21.797, 77.281) contains.

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Color

CIELCh(90, 21.845, 77.637)

Conversions

Conversions Part 1

Format	Color
Hex	FBDEBA
RGB	251, 222, 186
RGB Percent	98%, 87%, 73%
CMY	0.0156, 0.1294, 0.2705
CMYK	0.00, 0.12, 0.26, 0.02
HSL	33°, 89%, 86%
HSV	33°, 26%, 98%
XYZ	74.7741, 76.3034, 57.2458
YIQ	226.5670, 28.8400, -5.0480

Conversions

Conversions Part 2

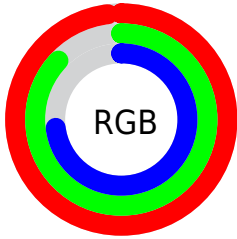
Format	Color
R _Y B	238, 251, 186
Decimal	16506554
CIE Lab	90.00, 4.68, 21.34
CIE LCh	90, 21.845, 77.637
Yxy	76.3034, 0.3589, 0.3663
Android (android.graphics.Color)	4294696634 (0xFFFBDEBA)
YUV	226.5670, -19.9995, 21.4277
Hunter-Lab	87.3518, -0.0676, 22.2907

Details

The CIELCh color **90, 21.845, 77.637** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 20.828, 265.062**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 6.580, 109.674**, and **70, 21.776, 77.302** is the 20% darker color. If you saturate the color by 10%, you get **87, 30.863, 76.296**, and if you desaturate by 10%, it is **93, 13.153, 78.959**.

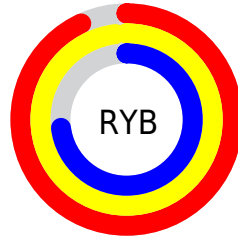
Distribution



Red (98%)

Green (87%)

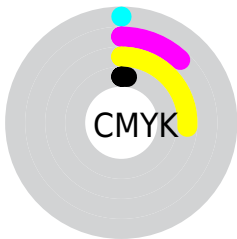
Blue (73%)



Red (93%)

Yellow (98%)

Blue (73%)

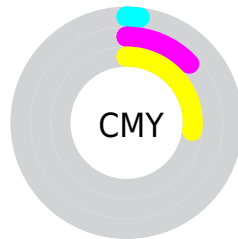


Cyan (0%)

Magenta (12%)

Yellow (26%)

Black (2%)



Cyan (2%)

Magenta (13%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 21.845, 77.637 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 90, 21.845, 77.637 by changing the saturation by 10% instead.

 90, 21.845, 77.637

 90, 21.845, 77.637

 100, 21.845,
77.637

 80, 21.845, 77.637

 70, 21.845, 77.637

 60, 21.845, 77.637

 50, 21.845, 77.637

 40, 21.845, 77.637

 30, 21.845, 77.637

 20, 21.845, 77.637

 10, 21.845, 77.637

 0, 21.845, 77.637

90, 21.845, 77.637

90, 21.845, 77.637

87, 30.863, 76.296

93, 13.153, 78.959

84, 40.176, 74.917

97, 4.782, 80.200

81, 49.689, 73.497

100, 1.386,
199.795

78, 59.180, 72.000

75, 68.199, 70.340

72, 75.928, 68.336

70, 81.244, 65.687

69, 82.862, 64.465

Harmonies

Complementary

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



90, 21.845, 77.637



85, 20.828, 265.062

Rectangle

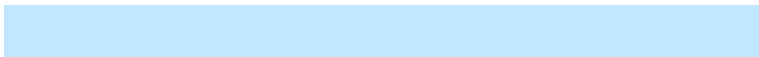
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 21.845, 77.637



90, 21.845, 127.637



90, 21.845, 257.637



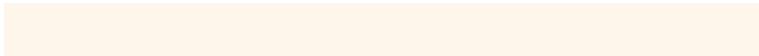
90, 21.845, 307.637

Sweetspot

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



90, 21.846, 77.645



97, 6.602, 79.951



82, 28.292, 348.939



51, 4.706, 79.767



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

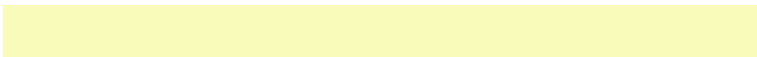
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 21.846, 77.645



90, 26.750, 76.957



97, 32.831, 109.821



50, 4.629, 79.770



53, 66.717, 65.154



16, 25.937, 67.158

Inverse Universe

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



85, 20.828, 265.062



84, 25.237, 266.082



78, 34.931, 294.979



49, 4.562, 262.353



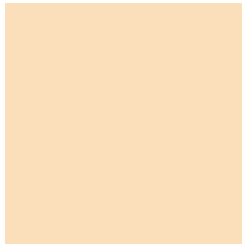
38, 64.100, 288.986



10, 25.274, 282.541

Previews

White Background



This preview shows how the CIE LCh color 90, 21.845, 77.637 looks on a white background.

Color Contrast Check

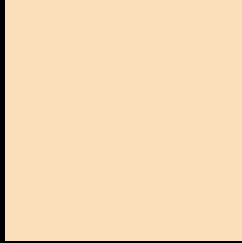
Large Text (above 18pt) WCAG AA × Fail

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 90, 21.845, 77.637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

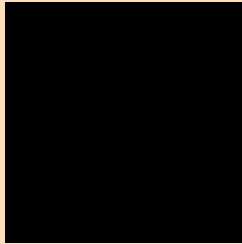
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

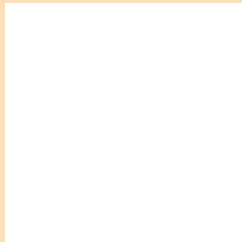
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 21.845, 77.637

Background



This preview shows how black text looks on a background with the CIELCh color 90, 21.845, 77.637.

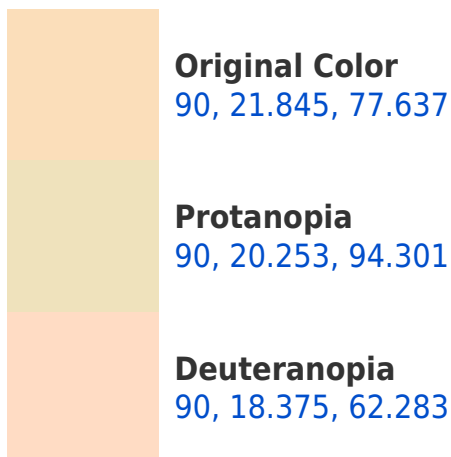


This preview shows how white text looks on a background with the CIELCh color 90, 21.845, 77.637.

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](#).

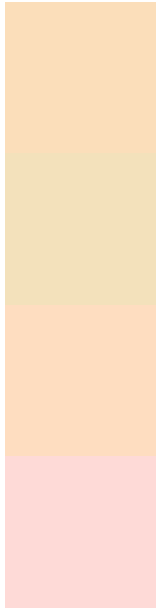
Dichromacy





Tritanopia
90, 16.348, 350.200

Trichromacy



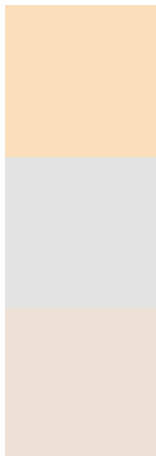
Original Color
90, 21.845, 77.637

Protanomaly
90, 20.844, 89.120

Deuteranomaly
90, 19.766, 68.914

Tritanomaly
90, 13.465, 26.900

Monochromacy



Original Color
90, 21.845, 77.637

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 7.840, 78.464

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 21.845, 77.637 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(251, 222, 186)` looks like.

```
.text, #text, p{  
    color:rgb(251, 222, 186)  
}
```

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(251, 222, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 222, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 21.845, 77.637 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(251, 222, 186) }
```

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

```
.border{ border-color:rgb(251, 222, 186) }
```

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

Here you see how a box with a 4 pixel rgb(251, 222, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 222, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 222, 186);  
box-shadow:4px 4px 4px 4px rgb(251, 222,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 21.845, 77.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 222, 186) }
```

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

```
.background{ background-color: rgb(251,  
222, 186) }
```

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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