

Converting Colors

CIELCh(90, 30.645, 87.296)

Have a look what the booklet for
CIELCh(90, 30.645, 87.296) contains.

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Color

CIELCh(90, 30.885, 87.459)

Conversions

Conversions Part 1

Format	Color
Hex	FBE0A8
RGB	251, 224, 168
RGB Percent	98%, 88%, 66%
CMY	0.0175, 0.1233, 0.3429
CMYK	0.00, 0.11, 0.33, 0.02
HSL	40°, 90%, 82%
HSV	40°, 33%, 98%
XYZ	73.1780, 76.3034, 47.7065
YIQ	225.6890, 34.0680, -11.6920

Conversions

Conversions Part 2

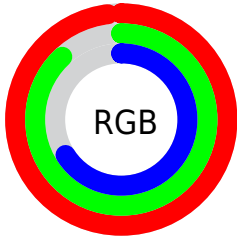
Format	Color
R _Y B	208, 251, 168
Decimal	16507048
CIE Lab	90.00, 1.37, 30.85
CIE LCh	90, 30.885, 87.459
Yxy	76.3034, 0.3711, 0.3870
Android (android.graphics.Color)	4294697128 (0xFFFBE0A8)
YUV	225.6890, -28.4407, 22.1977
Hunter-Lab	87.3518, -3.3291, 28.7655

Details

The CIELCh color **90, 30.885, 87.459** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 30.776, 277.066**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 15.682, 108.992**, and **70, 31.085, 87.943** is the 20% darker color. If you saturate the color by 10%, you get **88, 40.511, 86.079**, and if you desaturate by 10%, it is **92, 21.360, 88.808**.

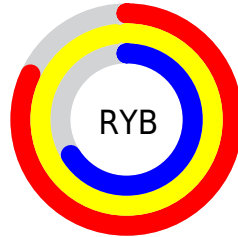
Distribution



Red (98%)

Green (88%)

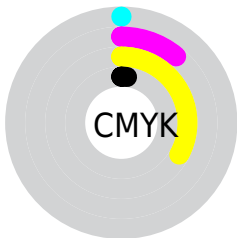
Blue (66%)



Red (82%)

Yellow (98%)

Blue (66%)

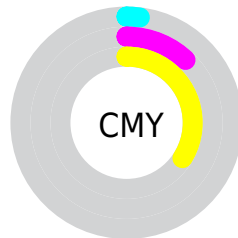


Cyan (0%)

Magenta (11%)

Yellow (33%)

Black (2%)



Cyan (2%)

Magenta (12%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 30.885, 87.459 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, 30.885, 87.459 by changing the saturation by 10% instead.

90, 30.885, 87.459

90, 30.885, 87.459

100, 30.885,
87.459

80, 30.885, 87.459

70, 30.885, 87.459

60, 30.885, 87.459

50, 30.885, 87.459

40, 30.885, 87.459

30, 30.885, 87.459

20, 30.885, 87.459

10, 30.885, 87.459

0, 30.885, 87.459

90, 30.885, 87.459

90, 30.885, 87.459

88, 40.511, 86.079

92, 21.360, 88.808

85, 50.105, 84.649

95, 11.993, 90.105

83, 59.418, 83.156

98, 2.811, 91.290

81, 67.991, 81.555

100, 1.551,
199.734

79, 75.078, 79.752

77, 79.721, 77.580

75, 81.447, 75.835

Harmonies

Complementary

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



90, 30.885, 87.459



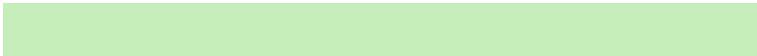
78, 30.776, 277.066

Rectangle

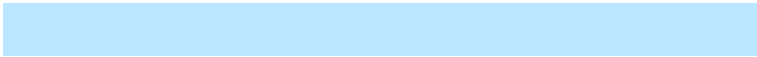
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90, 30.885, 87.459



90, 30.885, 137.459



90, 30.885, 267.459



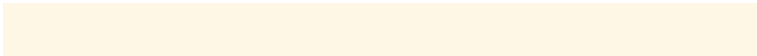
90, 30.885, 317.459

Sweetspot

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



90, 30.886, 87.465



97, 9.245, 90.494



77, 34.301, 357.435



52, 6.318, 90.319



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, 30.886, 87.465



90, 38.051, 86.510



96, 42.044, 114.282



51, 5.167, 90.558



58, 65.851, 76.369



18, 27.060, 79.155

Inverse Universe

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



78, 30.776, 277.066



76, 37.947, 278.563



73, 45.463, 299.752



49, 5.170, 273.051



32, 79.134, 297.104



8, 30.978, 291.700

Previews

White Background



This preview shows how the CIELCh color 90, 30.885, 87.459 looks on a white background.

Color Contrast Check

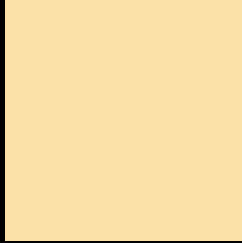
Large Text (above 18pt) WCAG AA × Fail

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, 30.885, 87.459 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, 30.885, 87.459

Background



This preview shows how black text looks on a background with the CIELCh color 90, 30.885, 87.459.



This preview shows how white text looks on a background with the CIELCh color 90, 30.885, 87.459.

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

90, 30.885, 87.459

Protanopia

90, 30.126, 94.875

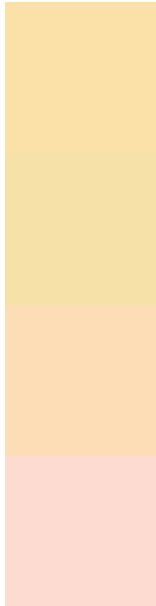
Deuteranopia

90, 20.717, 68.112



Tritanopia
90, 16.109, 351.809

Trichromacy



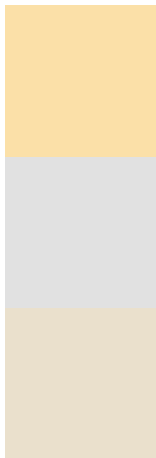
Original Color
90, 30.885, 87.459

Protanomaly
90, 30.564, 91.949

Deuteranomaly
90, 23.856, 76.900

Tritanomaly
90, 14.012, 44.044

Monochromacy



Original Color
90, 30.885, 87.459

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 11.002, 89.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 30.885, 87.459 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, 224, 168)` looks like.

```
.text, #text, p{  
    color:rgb(251, 224, 168)  
}
```

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, 224, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 224, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 30.885, 87.459 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, 224, 168) }
```

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

```
.border{ border-color:rgb(251, 224, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 224, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 224, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 224, 168);  
box-shadow:4px 4px 4px 4px rgb(251, 224,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 30.885, 87.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 224, 168) }
```

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

```
.background{ background-color: rgb(251,  
224, 168) }
```

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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