

Converting Colors

CIELCh(87, 23.090, 65.883)

Have a look what the booklet for
CIELCh(87, 23.090, 65.883) contains.

| | |
|------------------------------------------------|----|
| CIELCh(87, 23.090, 65.884) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 20 |
| <i>Color Blindness Simulation</i> | 23 |
| <i>CSS Examples</i> | 26 |

Color

CIELCh(87, 23.090, 65.884)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FBD3B3 |
| RGB | 251, 211, 179 |
| RGB Percent | 98%, 83%, 70% |
| CMY | 0.0176, 0.1744, 0.2998 |
| CMYK | 0.00, 0.16, 0.29, 0.02 |
| HSL | 27°, 89%, 84% |
| HSV | 27°, 29%, 98% |
| XYZ | 70.8716, 70.0064, 52.1806 |
| YIQ | 219.3120, 34.1120, -1.4720 |

Conversions

Conversions Part 2

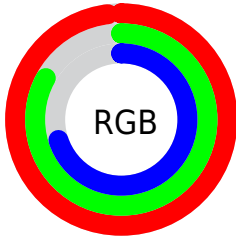
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 251, 237, 179 |
| Decimal | 16503731 |
| CIE Lab | 87.00, 9.43, 21.07 |
| CIE LCh | 87, 23.090, 65.884 |
| Yxy | 70.0064, 0.3671, 0.3626 |
| Android (android.graphics.Color) | 4294693811 (0xFFFBDB3) |
| YUV | 219.3120, -19.8738, 27.7904 |
| Hunter-Lab | 83.6698, 4.7743, 21.5927 |

Details

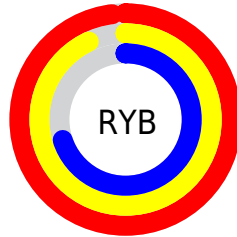
The CIELCh color **87, 23.090, 65.884** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 20.722, 253.473**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 10.124, 109.411**, and **67, 23.263, 64.878** is the 20% darker color. If you saturate the color by 10%, you get **83, 32.047, 64.771**, and if you desaturate by 10%, it is **91, 14.624, 67.019**.

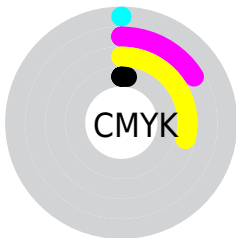
Distribution



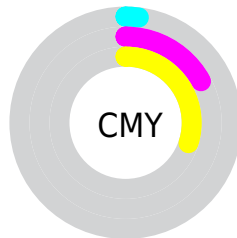
- Red (98%)
- Green (83%)
- Blue (70%)



- Red (98%)
- Yellow (93%)
- Blue (70%)



- Cyan (0%)
- Magenta (16%)
- Yellow (29%)
- Black (2%)



- Cyan (2%)
- Magenta (17%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 23.090, 65.884 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 87, 23.090, 65.884 by changing the saturation by 10% instead.


 87, 23.090, 65.884

 87, 23.090, 65.884

 100, 23.090,
65.884

 77, 23.090, 65.884

 67, 23.090, 65.884

 57, 23.090, 65.884

 47, 23.090, 65.884

 37, 23.090, 65.884

 27, 23.090, 65.884

 17, 23.090, 65.884

 7, 23.090, 65.884

 0, 23.090, 65.884

87, 23.090, 65.884

87, 23.090, 65.884

83, 32.047, 64.771

91, 14.624, 67.019

79, 41.488, 63.665

95, 6.624, 68.122

76, 51.341, 62.561

99, 0.949, 249.845

72, 61.401, 61.414

100, 1.561,
199.731

69, 71.193, 60.100

66, 79.787, 58.350

64, 86.001, 55.813

63, 86.727, 55.494

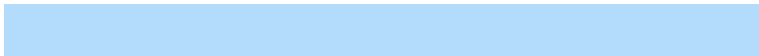
Harmonies

Complementary

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



87, 23.090, 65.884



85, 20.722, 253.473

Rectangle

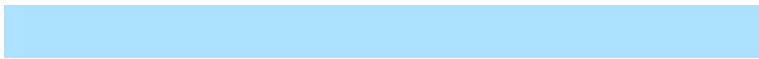
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 23.090, 65.884



87, 23.090, 115.884



87, 23.090, 245.884



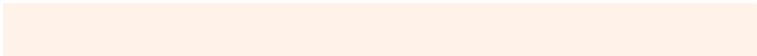
87, 23.090, 295.884

Sweetspot

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



87, 23.090, 65.892



96, 6.936, 68.092



81, 33.697, 342.699



51, 4.840, 67.936



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 23.090, 65.892



86, 28.156, 65.296



96, 34.047, 104.382



50, 4.315, 68.040



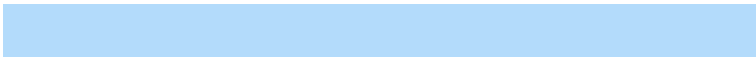
48, 69.755, 56.198



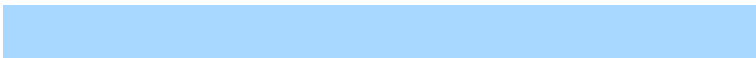
14, 25.973, 56.114

Inverse Universe

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



85, 20.722, 253.473



84, 24.699, 254.539



76, 36.160, 291.061



50, 4.184, 250.423



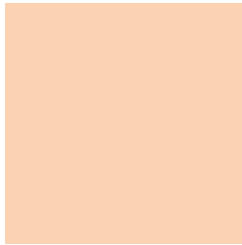
44, 51.524, 278.143



12, 20.799, 270.818

Previews

White Background



This preview shows how the CIE LCh color 87, 23.090, 65.884 looks on a white background.

Color Contrast Check

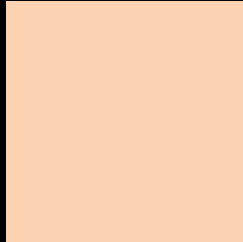
Large Text (above 18pt) WCAG AA × Fail

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 87, 23.090, 65.884 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 87, 23.090, 65.884

Background



This preview shows how black text looks on a background with the CIELCh color 87, 23.090, 65.884.

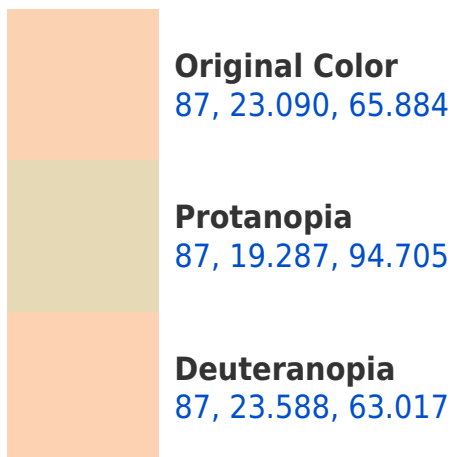


This preview shows how white text looks on a background with the CIELCh color 87, 23.090, 65.884.

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](#).

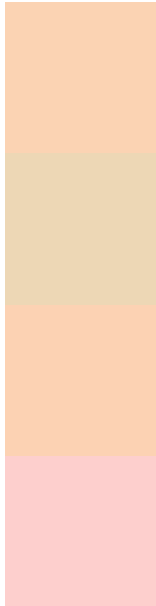
Dichromacy





Tritanopia
87, 19.932, 357.961

Trichromacy



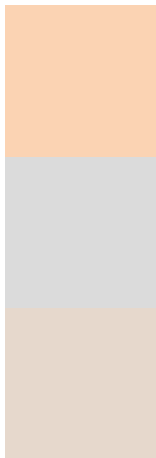
Original Color
87, 23.090, 65.884

Protanomaly
87, 19.707, 82.977

Deuteranomaly
87, 23.293, 63.681

Tritanomaly
87, 17.383, 24.082

Monochromacy



Original Color
87, 23.090, 65.884

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 8.129, 69.769

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 23.090, 65.884 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, 211, 179)` looks like.

```
.text, #text, p{  
    color:rgb(251, 211, 179)  
}
```

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, 211, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 211, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 23.090, 65.884 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, 211, 179) }
```

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

```
.border{ border-color:rgb(251, 211, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 211, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 211, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 211, 179); box-shadow:4px 4px 4px 4px rgb(251, 211, 179) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 23.090, 65.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 211, 179) }
```

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

```
.background{ background-color: rgb(251,  
211, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor