

Converting Colors

CIELCh(90, 32.624, 23.702)

Have a look what the booklet for
CIELCh(90, 32.624, 23.702) contains.

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Color

CIELCh(87, 18.969, 23.931)

Conversions

Conversions Part 1

Format	Color
Hex	FFCECC
RGB	255, 206, 204
RGB Percent	100%, 81%, 80%
CMY	0.0000, 0.1919, 0.1998
CMYK	0.00, 0.19, 0.20, 0.00
HSL	2°, 100%, 90%
HSV	2°, 20%, 100%
XYZ	74.6431, 70.0064, 66.7401
YIQ	220.4230, 29.8460, 9.7660

Conversions

Conversions Part 2

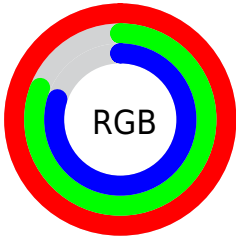
Format	Color
R _Y B	255, 206, 204
Decimal	16764620
CIE Lab	87.00, 17.34, 7.69
CIE LCh	87, 18.969, 23.931
Yxy	70.0064, 0.3531, 0.3312
Android (android.graphics.Color)	4294954700 (0xFFFFCECC)
YUV	220.4230, -8.0965, 30.3240
Hunter-Lab	83.6698, 12.8203, 11.2756

Details

The CIELCh color **87, 18.969, 23.931** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 16.190, 202.103**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 18.569, 24.487** is the 20% darker color. If you saturate the color by 10%, you get **81, 28.947, 24.898**, and if you desaturate by 10%, it is **93, 8.887, 23.263**.

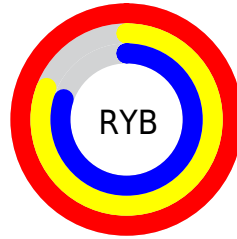
Distribution



Red (100%)

Green (81%)

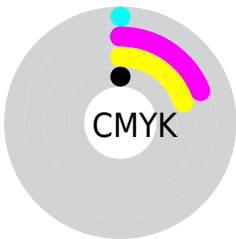
Blue (80%)



Red (100%)

Yellow (81%)

Blue (80%)

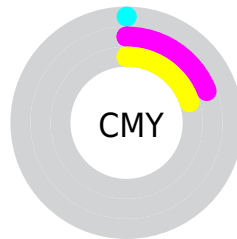


Cyan (0%)

Magenta (19%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 18.969, 23.931 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, 18.969, 23.931 by changing the saturation by 10% instead.

 87, 18.969, 23.931

 87, 18.969, 23.931

 100, 18.969,
23.931

 77, 18.969, 23.931

 67, 18.969, 23.931

 57, 18.969, 23.931

 47, 18.969, 23.931

 37, 18.969, 23.931

 27, 18.969, 23.931

 17, 18.969, 23.931

 7, 18.969, 23.931

 0, 18.969, 23.931

87, 18.969, 23.931

87, 18.969, 23.931

81, 28.947, 24.898

93, 8.887, 23.263

75, 40.094, 26.114

100, 0.012,
296.813

69, 51.861, 27.718

64, 64.025, 29.805

60, 76.228, 32.422

57, 87.888, 35.452

55, 97.826, 38.360

53, 104.093,
40.272

53, 104.105,
40.277

Harmonies

Complementary

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



87, 18.969, 23.931



96, 16.190, 202.103

Rectangle

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



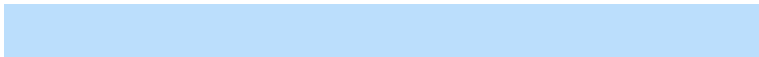
87, 18.969, 23.931



87, 18.969, 73.931



87, 18.969, 203.931



87, 18.969, 253.931

Sweetspot

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



87, 18.535, 23.980



96, 5.259, 22.993



88, 31.237, 326.455



51, 3.497, 23.040



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

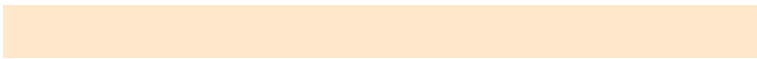
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 18.535, 23.980



84, 22.631, 24.319



93, 16.640, 76.368



50, 5.054, 23.232



40, 83.687, 40.397



10, 32.571, 29.103

Inverse Universe

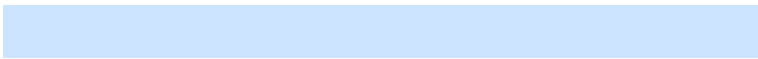
The Inverse Universe completely reimagines the original color for something new.



96, 16.190, 202.103



95, 19.182, 201.973



90, 15.952, 261.899



52, 4.753, 202.519



68, 38.252, 202.847



23, 17.704, 202.029

Previews

White Background



This preview shows how the CIELCh color 87, 18.969, 23.931 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 87, 18.969, 23.931 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, 18.969, 23.931

Background



This preview shows how black text looks on a background with the CIELCh color 87, 18.969, 23.931.

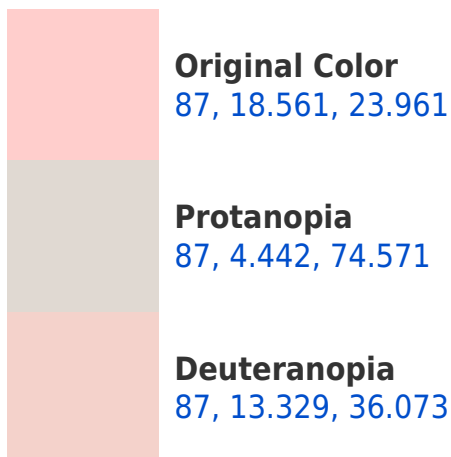


This preview shows how white text looks on a background with the CIELCh color 87, 18.969, 23.931.

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, 20.293, 358.420

Trichromacy



Original Color
87, 18.561, 23.961

Protanomaly
87, 8.565, 37.577

Deuteranomaly
87, 15.068, 32.331

Tritanomaly
87, 19.118, 6.756

Monochromacy



Original Color
87, 18.561, 23.961

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 6.617, 24.301

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 18.969, 23.931 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, 206, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 204)  
}
```

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, 206, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 18.969, 23.931 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, 206, 204) }
```

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

```
.border{ border-color:rgb(255, 206, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 18.969, 23.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 204) }
```

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

```
.background{ background-color: rgb(255,  
206, 204) }
```

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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