

Converting Colors

CIELCh(88, 22.426, 26.888)

Have a look what the booklet for
CIELCh(88, 22.426, 26.888) contains.

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Color

CIELCh(87, 18.424, 28.778)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFCA
RGB	255, 207, 202
RGB Percent	100%, 81%, 79%
CMY	0.0008, 0.1890, 0.2086
CMYK	0.00, 0.19, 0.21, 0.00
HSL	6°, 99%, 90%
HSV	6°, 21%, 100%
XYZ	74.0670, 70.0064, 65.3647
YIQ	220.7820, 30.2130, 8.6210

Conversions

Conversions Part 2

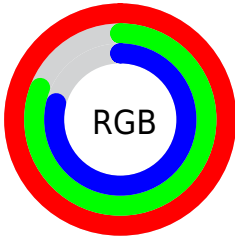
Format	Color
R _Y B	255, 208, 202
Decimal	16764874
CIE Lab	87.00, 16.15, 8.87
CIE LCh	87, 18.424, 28.778
Yxy	70.0064, 0.3536, 0.3343
Android (android.graphics.Color)	4294954954 (0xFFFFCFCA)
YUV	220.7820, -9.2595, 30.0092
Hunter-Lab	83.6698, 11.5913, 12.2502

Details

The CIELCh color **87, 18.424, 28.778** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 15.960, 207.782**, 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, 18.456, 29.527** is the 20% darker color. If you saturate the color by 10%, you get **81, 28.436, 29.451**, and if you desaturate by 10%, it is **93, 9.172, 28.298**.

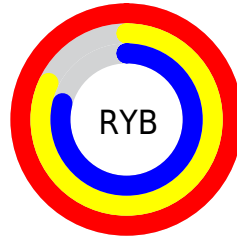
Distribution



Red (100%)

Green (81%)

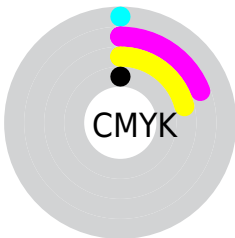
Blue (79%)



Red (100%)

Yellow (82%)

Blue (79%)

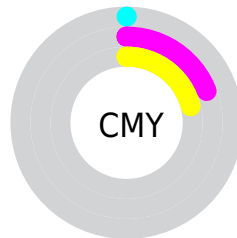


Cyan (0%)

Magenta (19%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 18.424, 28.778 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, 18.424, 28.778 by changing the saturation by 10% instead.

 87, 18.424, 28.778

 87, 18.424, 28.778

 100, 18.424,
28.778

 77, 18.424, 28.778

 67, 18.424, 28.778

 57, 18.424, 28.778

 47, 18.424, 28.778

 37, 18.424, 28.778

 27, 18.424, 28.778

 17, 18.424, 28.778

 7, 18.424, 28.778

 0, 18.424, 28.778

87, 18.424, 28.778

87, 18.424, 28.778

81, 28.436, 29.451

93, 9.172, 28.298

75, 39.212, 30.370

99, 0.649, 27.042

70, 50.678, 31.617

100, 0.071,
208.764

65, 62.669, 33.257

61, 74.872, 35.308

58, 86.697, 37.637

55, 96.871, 39.730

54, 103.121,
40.834

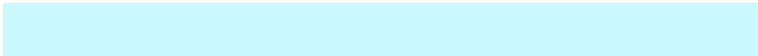
Harmonies

Complementary

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



87, 18.424, 28.778



95, 15.960, 207.782

Rectangle

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



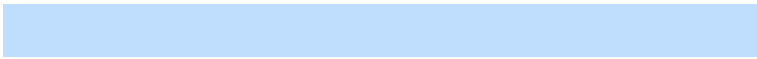
87, 18.424, 28.778



87, 18.424, 78.778



87, 18.424, 208.778



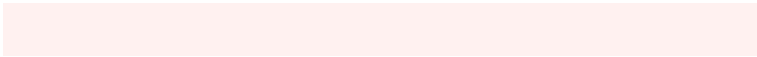
87, 18.424, 258.778

Sweetspot

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



87, 18.422, 28.786



96, 5.000, 28.077



87, 31.409, 327.969



51, 3.326, 28.110



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, 18.422, 28.786



85, 22.552, 29.039



93, 17.973, 81.148



50, 4.807, 28.241



40, 82.820, 41.057



11, 31.581, 31.801

Inverse Universe

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



95, 15.960, 207.782



94, 18.916, 207.765



88, 17.477, 266.983



52, 4.518, 207.948



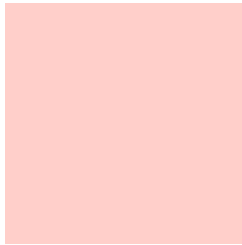
65, 36.101, 213.123



21, 16.773, 210.887

Previews

White Background



This preview shows how the CIELCh color 87, 18.424, 28.778 looks on a white background.

Color Contrast Check

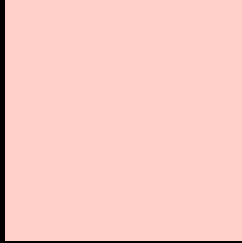
Large Text (above 18pt) WCAG AA × Fail

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, 18.424, 28.778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

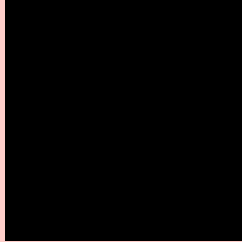
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 18.424, 28.778

Background



This preview shows how black text looks on a background with the CIELCh color 87, 18.424, 28.778.

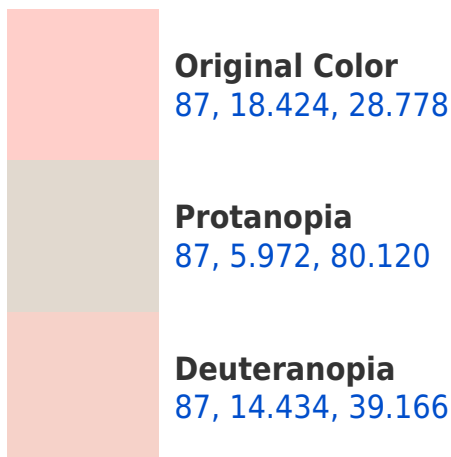


This preview shows how white text looks on a background with the CIELCh color 87, 18.424, 28.778.

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, 18.424, 28.778

Protanomaly
87, 9.545, 45.743

Deuteranomaly
87, 15.753, 35.690

Tritanomaly
87, 18.567, 9.563

Monochromacy



Original Color
87, 18.424, 28.778

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 6.313, 29.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 18.424, 28.778 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, 207, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 202)  
}
```

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, 207, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 18.424, 28.778 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, 207, 202) }
```

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

```
.border{ border-color:rgb(255, 207, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 18.424, 28.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 202) }
```

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

```
.background{ background-color: rgb(255,  
207, 202) }
```

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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