

Converting Colors

CIELCh(87, 19.488, 2.195)

Have a look what the booklet for
CIELCh(87, 19.488, 2.195) contains.

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Color

CIELCh(87, 19.464, 2.263)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDD9
RGB	255, 205, 217
RGB Percent	100%, 80%, 85%
CMY	0.0000, 0.1957, 0.1486
CMYK	0.00, 0.20, 0.15, 0.00
HSL	346°, 100%, 90%
HSV	346°, 20%, 100%
XYZ	75.6723, 70.0064, 75.2397
YIQ	221.3180, 25.9480, 14.3320

Conversions

Conversions Part 2

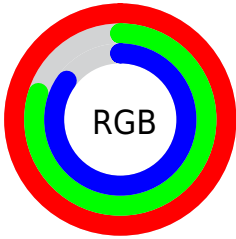
Format	Color
R _Y B	255, 205, 217
Decimal	16764377
CIE Lab	87.00, 19.45, 0.77
CIE LCh	87, 19.464, 2.263
Yxy	70.0064, 0.3425, 0.3169
Android (android.graphics.Color)	4294954457 (0xFFFFCDD9)
YUV	221.3180, -2.1288, 29.5391
Hunter-Lab	83.6698, 15.0160, 5.2526

Details

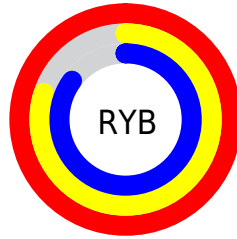
The CIELCh color **87, 19.464, 2.263** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 18.107, 178.397**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 19.308, 3.181** is the 20% darker color. If you saturate the color by 10%, you get **81, 29.949, 3.562**, and if you desaturate by 10%, it is **94, 9.278, 1.076**.

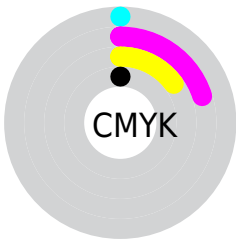
Distribution



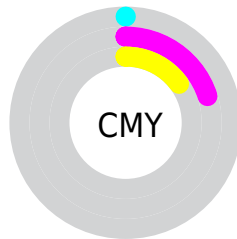
- Red (100%)
- Green (80%)
- Blue (85%)



- Red (100%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 19.464, 2.263 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, 19.464, 2.263 by changing the saturation by 10% instead.



87, 19.464, 2.263

87, 19.464, 2.263

81, 29.949, 3.562

94, 9.278, 1.076

75, 40.691, 5.172

100, 0.012,
296.813

69, 51.375, 7.159

64, 61.613, 9.655

60, 70.948, 12.824

57, 78.990, 16.826

55, 85.614, 21.727

54, 91.185, 27.254

54, 91.431, 27.486

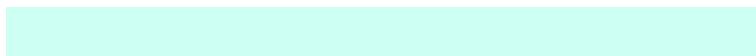
Harmonies

Complementary

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



87, 19.464, 2.263



96, 18.107, 178.397

Rectangle

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



87, 19.464, 2.263



87, 19.464, 52.263



87, 19.464, 182.263



87, 19.464, 232.263

Sweetspot

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



87, 19.423, 2.226



96, 5.770, 0.679



87, 29.223, 318.140



51, 3.833, 0.753



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

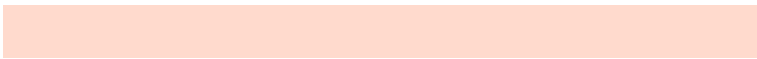
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 19.423, 2.226



85, 23.002, 2.659



90, 15.590, 44.616



50, 5.514, 1.069



40, 73.043, 26.416



10, 31.752, 16.552

Inverse Universe

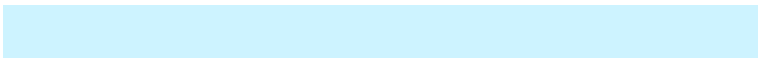
The Inverse Universe completely reimagines the original color for something new.



87, 19.423, 2.226



85, 23.002, 2.659



93, 13.779, 226.683



50, 5.514, 1.069



40, 73.043, 26.416



10, 31.752, 16.552

Previews

White Background



This preview shows how the CIELCh color 87, 19.464, 2.263 looks on a white background.

Color Contrast Check

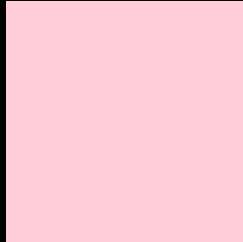
Large Text (above 18pt) WCAG AA × Fail

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, 19.464, 2.263 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, 19.464, 2.263

Background



This preview shows how black text looks on a background with the CIELCh color 87, 19.464, 2.263.



This preview shows how white text looks on a background with the CIELCh color 87, 19.464, 2.263.

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

87, 19.464, 2.263

Protanopia

87, 3.838, 306.655

Deuteranopia

87, 10.965, 6.467



Tritanopia
87, 19.932, 357.961

Trichromacy



Original Color
87, 19.464, 2.263

Protanomaly
87, 8.390, 350.136

Deuteranomaly
87, 13.745, 5.076

Tritanomaly
87, 19.763, 359.371

Monochromacy



Original Color
87, 19.464, 2.263

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 7.051, 358.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 19.464, 2.263 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, 205, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 217)  
}
```

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, 205, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 19.464, 2.263 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, 205, 217) }
```

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

```
.border{ border-color:rgb(255, 205, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 19.464, 2.263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 217) }
```

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

```
.background{ background-color: rgb(255,  
205, 217) }
```

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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