

Converting Colors

CIELCh(94, 42.760, 17.418)

Have a look what the booklet for
CIELCh(94, 42.760, 17.418) contains.

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Color

CIELCh(87, 18.257, 7.681)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--|
| Hex | FECED6 |
| RGB | 254, 206, 214 |
| RGB Percent | 100%, 81%, 84% |
| CMY | 0.0044, 0.1924, 0.1611 |
| CMYK | 0.00, 0.19, 0.16, 0.00 |
| HSL | 350°, 96%, 90% |
| HSV | 350°, 19%, 100% |
| XYZ | 75.0101, 70.0064, 73.1258 |
| YIQ | 221.2640, 26.0400, 12.6640 |

Conversions

Conversions Part 2

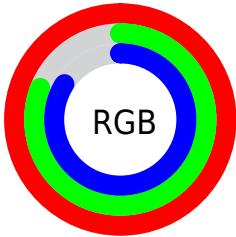
| Format | Color |
|-------------------------------------|--|
| RYB | 254, 206, 214 |
| Decimal | 16699094 |
| CIELab | 87.00, 18.09, 2.44 |
| CIELCh | 87, 18.257, 7.681 |
| Yxy | 70.0064, 0.3439, 0.3209 |
| Android (android.graphics.Color) | 4294889174 (0xFFFECEd6) |
| YUV | 221.2640, -3.5812, 28.7095 |
| Hunter-Lab | 83.6698, 13.6033, 6.7505 |

Details

The CIELCh color **87, 18.257, 7.681** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 16.773, 184.191**, 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, 18.107, 8.987** is the 20% darker color. If you saturate the color by 10%, you get **81, 28.652, 9.000**, and if you desaturate by 10%, it is **94, 8.350, 6.569**.

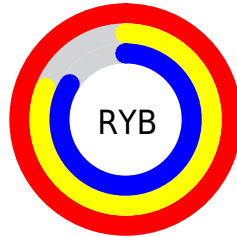
Distribution



Red (100%)

Green (81%)

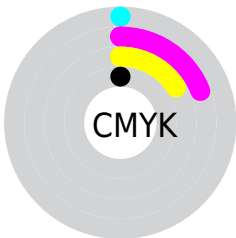
Blue (84%)



Red (100%)

Yellow (81%)

Blue (84%)

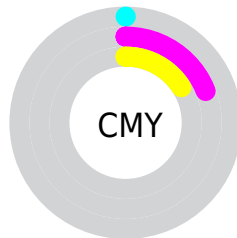


Cyan (0%)

Magenta (19%)

Yellow (16%)

Black (0%)



Cyan (0%)

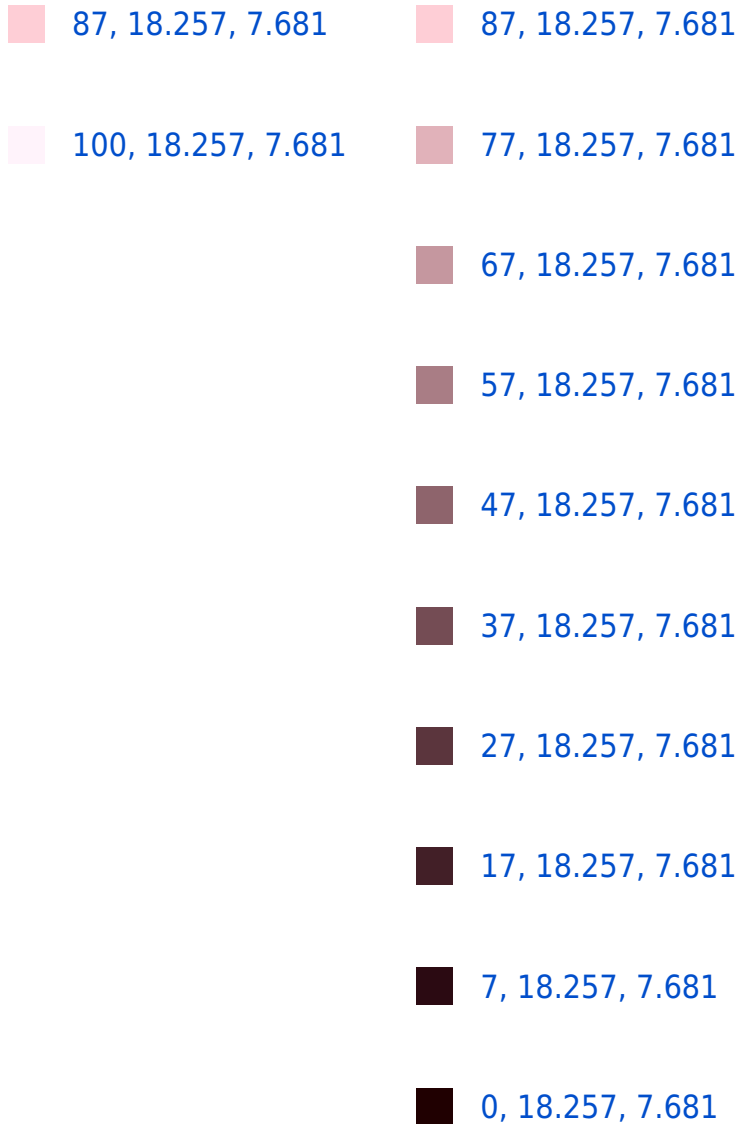
Magenta (19%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 18.257, 7.681 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, 18.257, 7.681 by changing the saturation by 10% instead.



87, 18.257, 7.681

87, 18.257, 7.681

81, 28.652, 9.000

94, 8.350, 6.569

75, 39.416, 10.607

100, 0.389,
201.084

69, 50.320, 12.613

64, 61.026, 15.155

60, 71.123, 18.384

56, 80.240, 22.421

54, 88.186, 27.237

53, 94.991, 32.398

53, 95.721, 32.925

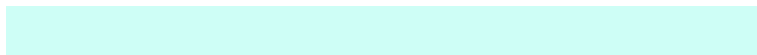
Harmonies

Complementary

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



87, 18.257, 7.681



96, 16.773, 184.191

Rectangle

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



87, 18.257, 7.681



87, 18.257, 57.681



87, 18.257, 187.681



87, 18.257, 237.681

Sweetspot

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



87, 18.255, 7.687



96, 5.612, 6.254



87, 28.578, 320.157



51, 3.729, 6.327



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

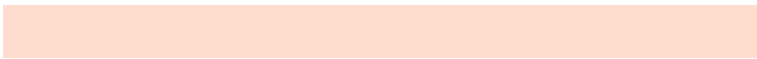
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 18.255, 7.687



85, 22.558, 8.198



90, 14.681, 52.256



50, 5.371, 6.635



40, 76.623, 31.978



10, 32.181, 20.304

Inverse Universe

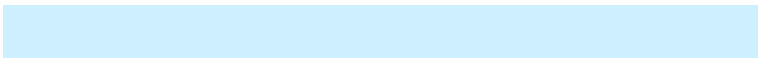
The Inverse Universe completely reimagines the original color for something new.



87, 18.255, 7.687



85, 22.558, 8.198



92, 13.215, 235.434



50, 5.371, 6.635



40, 76.623, 31.978



10, 32.181, 20.304

Previews

White Background



This preview shows how the CIELCh color 87, 18.257, 7.681 looks on a white background.

Color Contrast Check

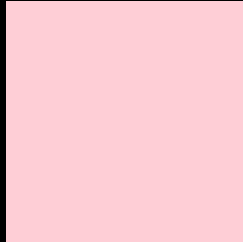
Large Text (above 18pt) WCAG AA × Fail

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, 18.257, 7.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

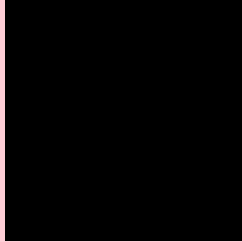
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 18.257, 7.681

Background



This preview shows how black text looks on a background with the CIELCh color 87, 18.257, 7.681.

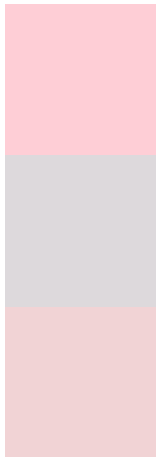


This preview shows how white text looks on a background with the CIELCh color 87, 18.257, 7.681.

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, 18.274, 7.689

Protanopia
87, 2.148, 332.294

Deuteranopia
87, 11.127, 14.832



Tritanopia
87, 20.113, 356.575

Trichromacy



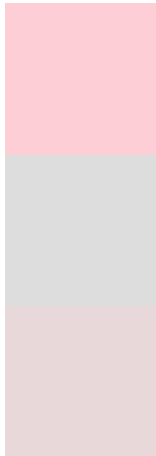
Original Color
87, 18.274, 7.689

Protanomaly
87, 7.751, 0.265

Deuteranomaly
87, 13.856, 11.805

Tritanomaly
87, 19.607, 0.806

Monochromacy



Original Color
87, 18.274, 7.689

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 6.284, 10.247

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 18.257, 7.681 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(254, 206, 214)` looks like.

```
.text, #text, p{  
    color:rgb(254, 206, 214)  
}
```

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(254, 206, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 206, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 18.257, 7.681 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(254, 206, 214) }
```

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

```
.border{ border-color:rgb(254, 206, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 206, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 206, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 206, 214); box-shadow:4px 4px 4px 4px rgb(254, 206, 214) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 18.257, 7.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 206, 214) }
```

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

```
.background{ background-color: rgb(254,  
206, 214) }
```

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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