

Converting Colors

CIELCh(87, 17.963, 28.269)

Have a look what the booklet for
CIELCh(87, 17.963, 28.269) contains.

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Color

CIELCh(87, 18.038, 28.925)

Conversions

Conversions Part 1

Format	Color
Hex	FECFCA
RGB	254, 207, 202
RGB Percent	100%, 81%, 79%
CMY	0.0037, 0.1880, 0.2076
CMYK	0.00, 0.18, 0.20, 0.00
HSL	6°, 97%, 89%
HSV	6°, 20%, 100%
XYZ	73.8930, 70.0064, 65.5337
YIQ	220.4830, 29.6170, 8.4090

Conversions

Conversions Part 2

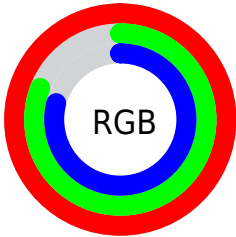
Format	Color
RYB	254, 208, 202
Decimal	16699338
CIELab	87.00, 15.79, 8.72
CIELCh	87, 18.038, 28.925
Yxy	70.0064, 0.3528, 0.3343
Android (android.graphics.Color)	4294889418 (0xFFFEFCFA)
YUV	220.4830, -9.1121, 29.3944
Hunter-Lab	83.6698, 11.2200, 12.1305

Details

The CIELCh color **87, 18.038, 28.925** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 15.665, 207.983**, 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, 18.044, 29.686** is the 20% darker color. If you saturate the color by 10%, you get **81, 27.987, 29.581**, and if you desaturate by 10%, it is **93, 8.847, 28.457**.

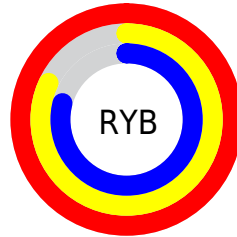
Distribution



Red (100%)

Green (81%)

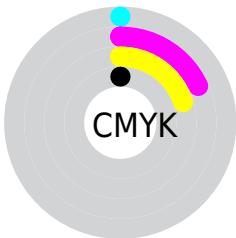
Blue (79%)



Red (100%)

Yellow (82%)

Blue (79%)

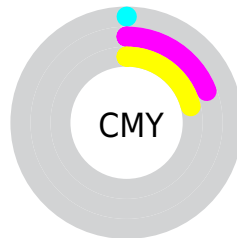


Cyan (0%)

Magenta (18%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 18.038, 28.925 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, 18.038, 28.925 by changing the saturation by 10% instead.

 87, 18.038, 28.925

 87, 18.038, 28.925

 100, 18.038,
28.925

 77, 18.038, 28.925

 67, 18.038, 28.925

 57, 18.038, 28.925

 47, 18.038, 28.925

 37, 18.038, 28.925

 27, 18.038, 28.925

 17, 18.038, 28.925

 7, 18.038, 28.925

 0, 18.038, 28.925

87, 18.038, 28.925

87, 18.038, 28.925

81, 27.987, 29.581

93, 8.847, 28.457

75, 38.699, 30.479

99, 0.379, 26.488

70, 50.107, 31.701

100, 0.324,
201.428

65, 62.049, 33.310

61, 74.222, 35.328

58, 86.052, 37.629

55, 96.305, 39.719

54, 102.854,
40.861

Harmonies

Complementary

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



87, 18.038, 28.925



95, 15.665, 207.983

Rectangle

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



87, 18.038, 28.925



87, 18.038, 78.925



87, 18.038, 208.925



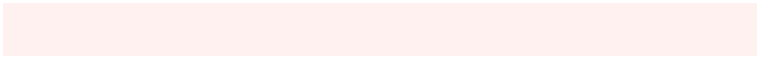
87, 18.038, 258.925

Sweetspot

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



87, 18.036, 28.933



96, 4.992, 28.254



87, 30.840, 327.950



51, 3.320, 28.287



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, 18.036, 28.933



85, 22.518, 29.201



93, 17.638, 81.192



50, 4.800, 28.416



40, 82.784, 41.085



11, 31.550, 31.891

Inverse Universe

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



95, 15.665, 207.983



94, 18.887, 207.969



88, 17.160, 266.926



52, 4.511, 208.137



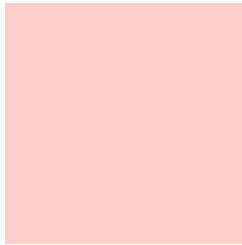
65, 36.048, 213.488



21, 16.748, 211.199

Previews

White Background



This preview shows how the CIELCh color 87, 18.038, 28.925 looks on a white background.

Color Contrast Check

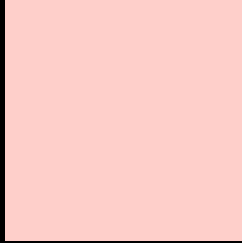
Large Text (above 18pt) WCAG AA × Fail

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, 18.038, 28.925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

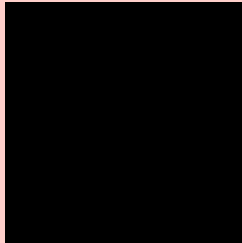
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 18.038, 28.925

Background



This preview shows how black text looks on a background with the CIELCh color 87, 18.038, 28.925.

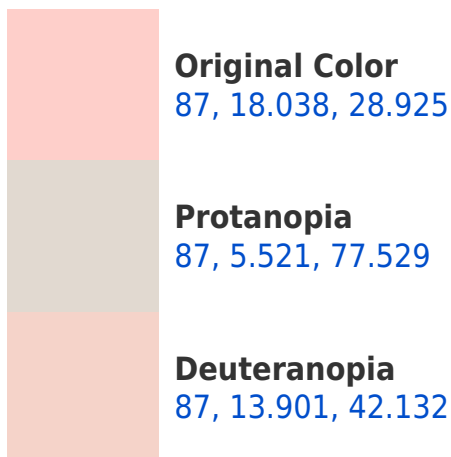


This preview shows how white text looks on a background with the CIELCh color 87, 18.038, 28.925.

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, 18.038, 28.925

Protanomaly
87, 9.314, 42.919

Deuteranomaly
87, 15.171, 38.263

Tritanomaly
87, 18.567, 9.563

Monochromacy



Original Color
87, 18.038, 28.925

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, 18.038, 28.925 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, 207, 202)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 207, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 207, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 18.038, 28.925 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, 207, 202) }
```

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

```
.border{ border-color:rgb(254, 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(254, 207, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 207, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 207, 202);  
box-shadow:4px 4px 4px 4px rgb(254, 207,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 18.038, 28.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 207, 202) }
```

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

```
.background{ background-color: rgb(254,  
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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