

Converting Colors

CIELCh(87, 14.218, 22.512)

Have a look what the booklet for
CIELCh(87, 14.218, 22.512) contains.

CIELCh(87, 14.218, 22.512)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(87, 14.218, 22.512)

Conversions

Conversions Part 1

Format	Color
Hex	F7D1D0
RGB	247, 209, 208
RGB Percent	97%, 82%, 82%
CMY	0.0309, 0.1800, 0.1839
CMYK	0.00, 0.15, 0.16, 0.03
HSL	2°, 71%, 89%
HSV	2°, 16%, 97%
XYZ	72.6210, 70.0064, 69.4279
YIQ	220.2480, 22.9690, 7.7450

Conversions

Conversions Part 2

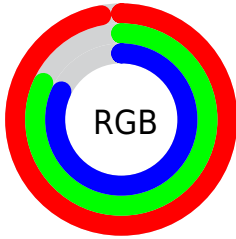
Format	Color
R _Y B	247, 209, 208
Decimal	16241104
CIE Lab	87.00, 13.13, 5.44
CIE LCh	87, 14.218, 22.512
Yxy	70.0064, 0.3425, 0.3301
Android (android.graphics.Color)	4294431184 (0xFFFF7D1D0)
YUV	220.2480, -6.0383, 23.4615
Hunter-Lab	83.6698, 8.5064, 9.3710

Details

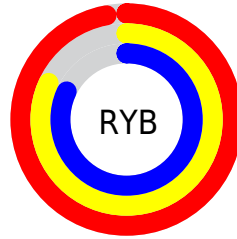
The CIELCh color **87, 14.218, 22.512** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 12.810, 200.955**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 13.919, 22.914** is the 20% darker color. If you saturate the color by 10%, you get **81, 24.171, 23.399**, and if you desaturate by 10%, it is **93, 5.003, 21.787**.

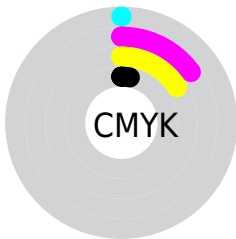
Distribution



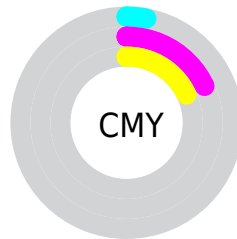
- Red (97%)
- Green (82%)
- Blue (82%)



- Red (97%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (16%)
- Black (3%)



- Cyan (3%)
- Magenta (18%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 14.218, 22.512 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, 14.218, 22.512 by changing the saturation by 10% instead.

 87, 14.218, 22.512

 87, 14.218, 22.512

 100, 14.218,
22.512

 77, 14.218, 22.512

 67, 14.218, 22.512

 57, 14.218, 22.512

 47, 14.218, 22.512

 37, 14.218, 22.512

 27, 14.218, 22.512

 17, 14.218, 22.512

 7, 14.218, 22.512

 0, 14.218, 22.512

87, 14.218, 22.512

87, 14.218, 22.512

81, 24.171, 23.399

93, 5.003, 21.787

75, 34.854, 24.546

99, 2.732, 199.474

69, 46.181, 26.055

64, 57.967, 28.029

59, 69.904, 30.550

56, 81.531, 33.597

53, 92.037, 36.849

52, 99.639, 39.366

52, 101.801,
40.188

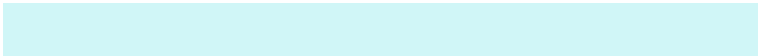
Harmonies

Complementary

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



87, 14.218, 22.512



94, 12.810, 200.955

Rectangle

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



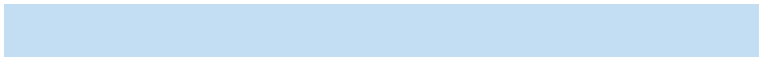
87, 14.218, 22.512



87, 14.218, 72.512



87, 14.218, 202.512



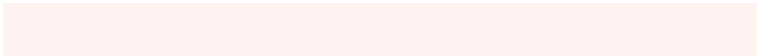
87, 14.218, 252.512

Sweetspot

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



87, 14.216, 22.521



97, 4.423, 21.723



88, 24.306, 325.753



51, 3.026, 21.781



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, 14.216, 22.521



87, 17.786, 22.783



92, 12.561, 75.193



48, 4.952, 22.059



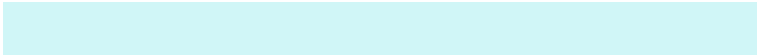
39, 82.191, 40.268



9, 30.460, 26.370

Inverse Universe

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



94, 12.810, 200.955



96, 15.660, 200.818



89, 12.111, 259.450



50, 4.659, 201.254



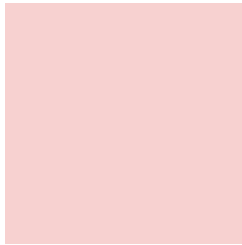
67, 38.165, 200.507



21, 17.046, 199.943

Previews

White Background



This preview shows how the CIELCh color 87, 14.218, 22.512 looks on a white background.

Color Contrast Check

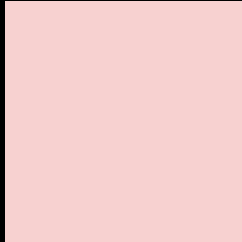
Large Text (above 18pt) WCAG AA × Fail

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, 14.218, 22.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

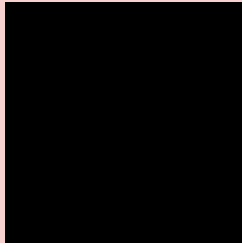
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 14.218, 22.512

Background



This preview shows how black text looks on a background with the CIELCh color 87, 14.218, 22.512.

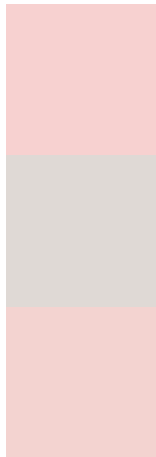


This preview shows how white text looks on a background with the CIELCh color 87, 14.218, 22.512.

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, 14.218, 22.512

Protanopia

87, 3.003, 63.280

Deuteranopia

87, 12.042, 27.650



Tritanopia
87, 17.431, 352.212

Trichromacy



Original Color
87, 14.218, 22.512

Protanomaly
87, 6.804, 33.053

Deuteranomaly
87, 12.735, 24.966

Tritanomaly
87, 15.590, 1.113

Monochromacy



Original Color
87, 14.218, 22.512

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 5.103, 19.661

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 14.218, 22.512 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(247, 209, 208)` looks like.

```
.text, #text, p{  
    color:rgb(247, 209, 208)  
}
```

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(247, 209, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 209, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 14.218, 22.512 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(247, 209, 208) }
```

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

```
.border{ border-color:rgb(247, 209, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 209, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 209, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 209, 208); box-shadow:4px 4px 4px 4px rgb(247, 209, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 14.218, 22.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 209, 208) }
```

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

```
.background{ background-color: rgb(247,  
209, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor