

Converting Colors

CIELCh(87, 18.287, 43.812)

Have a look what the booklet for
CIELCh(87, 18.287, 43.812) contains.

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Color

CIELCh(87, 18.109, 44.053)

Conversions

Conversions Part 1

Format	Color
Hex	FCD1C3
RGB	252, 209, 195
RGB Percent	99%, 82%, 76%
CMY	0.0131, 0.1816, 0.2365
CMYK	0.00, 0.17, 0.23, 0.01
HSL	15°, 90%, 88%
HSV	15°, 23%, 99%
XYZ	72.5640, 70.0064, 61.1335
YIQ	220.2610, 30.1220, 4.7620

Conversions

Conversions Part 2

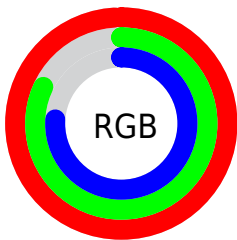
Format	Color
R _Y B	252, 214, 195
Decimal	16568771
CIE Lab	87.00, 13.01, 12.59
CIE LCh	87, 18.109, 44.053
Yxy	70.0064, 0.3562, 0.3437
Android (android.graphics.Color)	4294758851 (0xFFFC D1C3)
YUV	220.2610, -12.4537, 27.8351
Hunter-Lab	83.6698, 8.3848, 15.2485

Details

The CIELCh color **87, 18.109, 44.053** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 15.650, 226.369**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **67, 18.247, 45.423** is the 20% darker color. If you saturate the color by 10%, you get **82, 27.209, 43.889**, and if you desaturate by 10%, it is **92, 9.705, 44.333**.

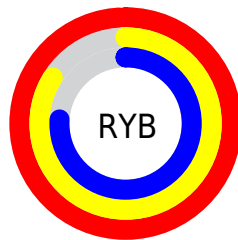
Distribution



Red (99%)

Green (82%)

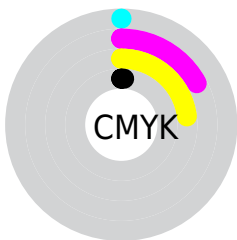
Blue (76%)



Red (99%)

Yellow (84%)

Blue (76%)

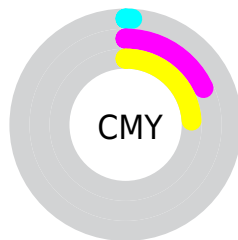


Cyan (0%)

Magenta (17%)

Yellow (23%)

Black (1%)



Cyan (1%)

Magenta (18%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 18.109, 44.053 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, 18.109, 44.053 by changing the saturation by 10% instead.

 87, 18.109, 44.053

 87, 18.109, 44.053

 100, 18.109,
44.053

 77, 18.109, 44.053

 67, 18.109, 44.053

 57, 18.109, 44.053

 47, 18.109, 44.053

 37, 18.109, 44.053

 27, 18.109, 44.053

 17, 18.109, 44.053

 7, 18.109, 44.053

 0, 18.109, 44.053

87, 18.109, 44.053

87, 18.109, 44.053

82, 27.209, 43.889

92, 9.705, 44.333

77, 37.043, 43.856

97, 1.946, 44.463

72, 47.601, 43.995

100, 1.157,
199.905

68, 58.792, 44.314

64, 70.364, 44.772

61, 81.710, 45.191

58, 91.504, 45.110

56, 96.902, 44.546

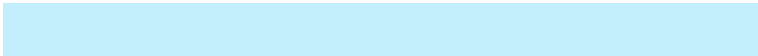
Harmonies

Complementary

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



87, 18.109, 44.053



91, 15.650, 226.369

Rectangle

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



87, 18.109, 44.053



87, 18.109, 94.053



87, 18.109, 224.053



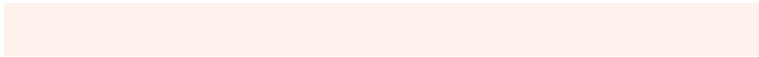
87, 18.109, 274.053

Sweetspot

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



87, 18.108, 44.062



96, 5.310, 44.488



85, 30.514, 333.215



51, 3.458, 44.474



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, 18.108, 44.062



86, 22.224, 43.971



94, 22.173, 93.299



49, 4.284, 44.425



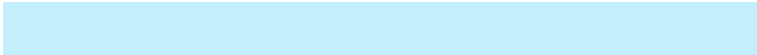
42, 77.556, 45.040



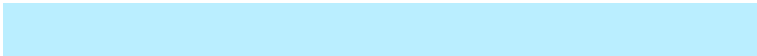
12, 28.069, 39.405

Inverse Universe

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



91, 15.650, 226.369



91, 18.603, 226.768



84, 22.434, 279.297



51, 4.049, 225.472



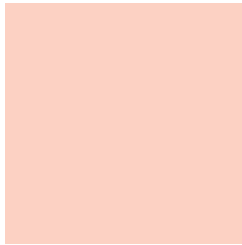
55, 36.328, 245.429



17, 15.994, 238.839

Previews

White Background



This preview shows how the CIELCh color 87, 18.109, 44.053 looks on a white background.

Color Contrast Check

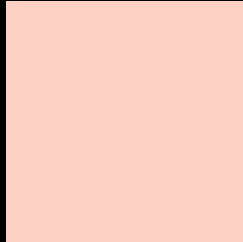
Large Text (above 18pt) WCAG AA × Fail

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, 18.109, 44.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

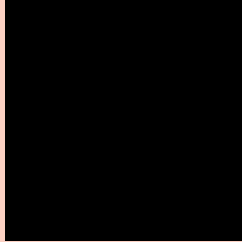
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 18.109, 44.053

Background



This preview shows how black text looks on a background with the CIELCh color 87, 18.109, 44.053.

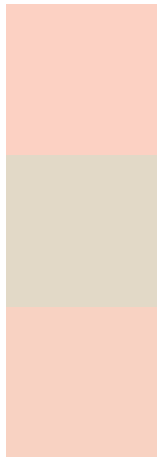


This preview shows how white text looks on a background with the CIELCh color 87, 18.109, 44.053.

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, 18.109, 44.053

Protanopia

87, 9.956, 89.606

Deuteranopia

87, 16.857, 49.751



Tritanopia
87, 20.113, 356.575

Trichromacy



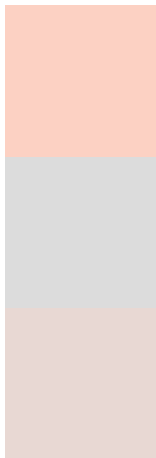
Original Color
87, 18.109, 44.053

Protanomaly
87, 11.914, 67.628

Deuteranomaly
87, 17.201, 49.123

Tritanomaly
87, 18.082, 12.543

Monochromacy



Original Color
87, 18.109, 44.053

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 6.431, 43.553

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 18.109, 44.053 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(252, 209, 195)` looks like.

```
.text, #text, p{  
    color:rgb(252, 209, 195)  
}
```

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(252, 209, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 209, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 18.109, 44.053 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(252, 209, 195) }
```

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

```
.border{ border-color:rgb(252, 209, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 209, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 209, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 209, 195); box-shadow:4px 4px 4px 4px rgb(252, 209, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 18.109, 44.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 209, 195) }
```

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

```
.background{ background-color: rgb(252,  
209, 195) }
```

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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