

Converting Colors

CIELCh(87, 21.045, 58.177)

Have a look what the booklet for
CIELCh(87, 21.045, 58.177) contains.

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Color

CIELCh(87, 21.069, 58.153)

Conversions

Conversions Part 1

Format	Color
Hex	FCD2B9
RGB	252, 210, 185
RGB Percent	99%, 82%, 73%
CMY	0.0134, 0.1780, 0.2760
CMYK	0.00, 0.17, 0.27, 0.01
HSL	22°, 91%, 86%
HSV	22°, 27%, 99%
XYZ	71.6637, 70.0064, 55.4236
YIQ	219.7080, 33.0570, 1.1290

Conversions

Conversions Part 2

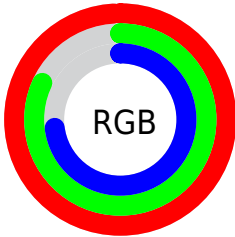
Format	Color
R _Y B	252, 225, 185
Decimal	16569017
CIE Lab	87.00, 11.12, 17.90
CIE LCh	87, 21.069, 58.153
Yxy	70.0064, 0.3636, 0.3552
Android (android.graphics.Color)	4294759097 (0xFFFC D2B9)
YUV	219.7080, -17.1110, 28.3201
Hunter-Lab	83.6698, 6.4641, 19.2947

Details

The CIELCh color **87, 21.069, 58.153** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88, 18.467, 244.010**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 7.086, 109.637**, and **67, 21.176, 58.572** is the 20% darker color. If you saturate the color by 10%, you get **83, 30.015, 57.324**, and if you desaturate by 10%, it is **91, 12.709, 59.039**.

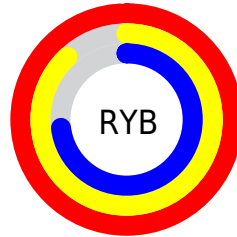
Distribution



Red (99%)

Green (82%)

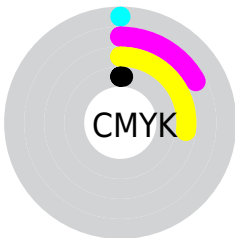
Blue (73%)



Red (99%)

Yellow (88%)

Blue (73%)

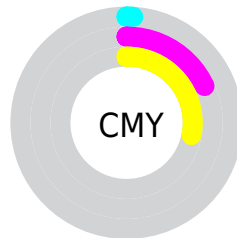


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (1%)



Cyan (1%)

Magenta (18%)

Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 21.069, 58.153 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, 21.069, 58.153 by changing the saturation by 10% instead.

 87, 21.069, 58.153

 87, 21.069, 58.153

 100, 21.069,
58.153

 77, 21.069, 58.153

 67, 21.069, 58.153

 57, 21.069, 58.153

 47, 21.069, 58.153

 37, 21.069, 58.153

 27, 21.069, 58.153

 17, 21.069, 58.153

 7, 21.069, 58.153

 0, 21.069, 58.153

87, 21.069, 58.153

87, 21.069, 58.153

83, 30.015, 57.324

91, 12.709, 59.039

79, 39.566, 56.544

96, 4.893, 59.897

75, 49.687, 55.823

100, 1.184,
199.890

71, 60.233, 55.131

67, 70.835, 54.369

64, 80.675, 53.287

61, 88.319, 51.413

60, 90.499, 50.710

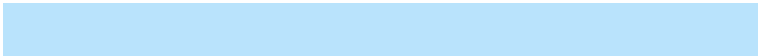
Harmonies

Complementary

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



87, 21.069, 58.153



88, 18.467, 244.010

Rectangle

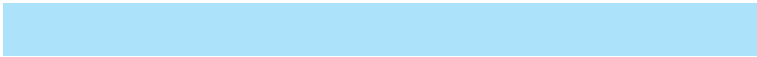
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 21.069, 58.153



87, 21.069, 108.153



87, 21.069, 238.153



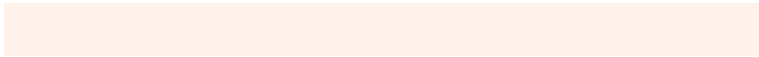
87, 21.069, 288.153

Sweetspot

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



87, 21.069, 58.162



96, 6.007, 59.787



82, 32.733, 339.198



51, 4.291, 59.661



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, 21.069, 58.162



86, 26.093, 57.703



95, 29.704, 101.189



50, 4.220, 59.663



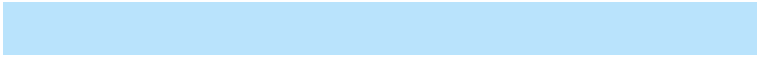
46, 72.462, 51.374



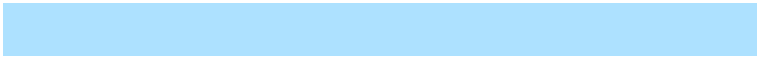
13, 26.491, 49.423

Inverse Universe

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



88, 18.467, 244.010



87, 22.180, 244.942



79, 31.043, 287.659



50, 4.047, 241.701



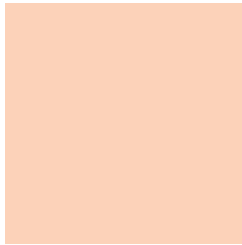
48, 44.594, 268.564



14, 18.475, 260.929

Previews

White Background



This preview shows how the CIELCh color 87, 21.069, 58.153 looks on a white background.

Color Contrast Check

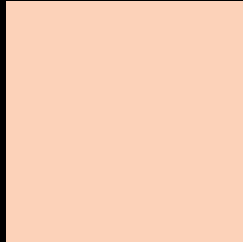
Large Text (above 18pt) WCAG AA × Fail

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, 21.069, 58.153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

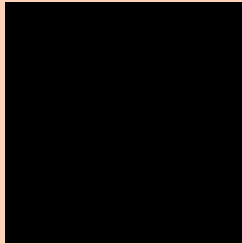
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 21.069, 58.153

Background



This preview shows how black text looks on a background with the CIELCh color 87, 21.069, 58.153.



This preview shows how white text looks on a background with the CIELCh color 87, 21.069, 58.153.

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, 21.069, 58.153

Protanopia

87, 15.661, 93.367

Deuteranopia

87, 20.755, 58.817



Tritanopia
87, 19.932, 357.961

Trichromacy



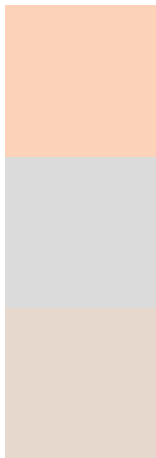
Original Color
87, 21.069, 58.153

Protanomaly
87, 16.902, 78.884

Deuteranomaly
87, 20.755, 58.817

Tritanomaly
87, 17.666, 20.709

Monochromacy



Original Color
87, 21.069, 58.153

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 7.614, 62.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 21.069, 58.153 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, 210, 185)` looks like.

```
.text, #text, p{  
    color:rgb(252, 210, 185)  
}
```

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, 210, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 210, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 21.069, 58.153 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, 210, 185) }
```

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

```
.border{ border-color:rgb(252, 210, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 210, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 210, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 210, 185);  
box-shadow:4px 4px 4px 4px rgb(252, 210,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 21.069, 58.153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 210, 185) }
```

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

```
.background{ background-color: rgb(252,  
210, 185) }
```

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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