

Converting Colors

CIELCh(87, 17.090, 59.813)

Have a look what the booklet for
CIELCh(87, 17.090, 59.813) contains.

CIELCh(87, 17.152, 59.510)	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, 17.152, 59.510)

Conversions

Conversions Part 1

Format	Color
Hex	F5D3BE
RGB	245, 211, 190
RGB Percent	96%, 83%, 75%
CMY	0.0376, 0.1710, 0.2534
CMYK	0.00, 0.14, 0.22, 0.04
HSL	23°, 74%, 85%
HSV	23°, 22%, 96%
XYZ	70.5291, 70.0064, 58.7329
YIQ	218.7720, 27.0050, 0.6770

Conversions

Conversions Part 2

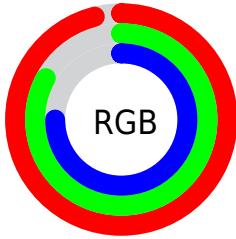
Format	Color
R _Y B	245, 224, 190
Decimal	16110526
CIE Lab	87.00, 8.70, 14.78
CIE LCh	87, 17.152, 59.510
Yxy	70.0064, 0.3539, 0.3513
Android (android.graphics.Color)	4294300606 (0xFFFF5D3BE)
YUV	218.7720, -14.1846, 23.0020
Hunter-Lab	83.6698, 4.0436, 16.9496

Details

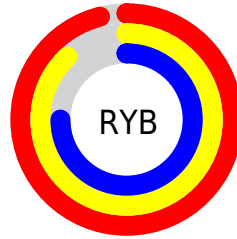
The CIELCh color **87, 17.152, 59.510** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88, 15.435, 244.476**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.553, 109.821**, and **67, 16.948, 58.081** is the 20% darker color. If you saturate the color by 10%, you get **83, 25.662, 58.626**, and if you desaturate by 10%, it is **91, 9.189, 60.435**.

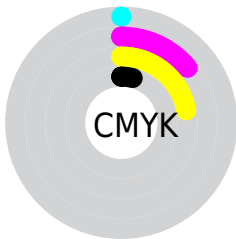
Distribution



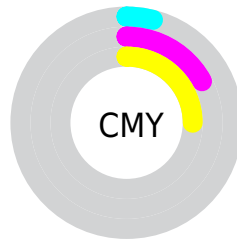
- Red (96%)
- Green (83%)
- Blue (75%)



- Red (96%)
- Yellow (88%)
- Blue (75%)



- Cyan (0%)
- Magenta (14%)
- Yellow (22%)
- Black (4%)



- Cyan (4%)
- Magenta (17%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 17.152, 59.510 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, 17.152, 59.510 by changing the saturation by 10% instead.

 87, 17.152, 59.510

 87, 17.152, 59.510


 100, 17.152,
59.510


 77, 17.152, 59.510


 67, 17.152, 59.510

 57, 17.152, 59.510

 47, 17.152, 59.510

 37, 17.152, 59.510

 27, 17.152, 59.510

 17, 17.152, 59.510

 7, 17.152, 59.510

 0, 17.152, 59.510

87, 17.152, 59.510

87, 17.152, 59.510

83, 25.662, 58.626

91, 9.189, 60.435

79, 34.750, 57.778

96, 1.729, 61.151

75, 44.405, 56.984

99, 3.316, 199.395

71, 54.541, 56.231

68, 64.906, 55.453

64, 74.920, 54.481

61, 83.436, 52.942

59, 88.338, 51.289

Harmonies

Complementary

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



87, 17.152, 59.510



88, 15.435, 244.476

Rectangle

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



87, 17.152, 59.510



87, 17.152, 109.510



87, 17.152, 239.510



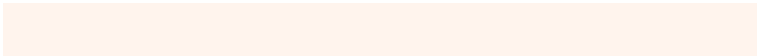
87, 17.152, 289.510

Sweetspot

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



87, 17.152, 59.520



97, 5.247, 60.909



83, 26.990, 338.832



51, 3.416, 60.859



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, 17.152, 59.520



88, 21.645, 59.101



94, 24.528, 101.666



49, 4.156, 60.698



46, 71.367, 51.948



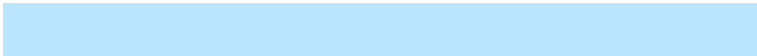
13, 25.185, 49.780

Inverse Universe

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



88, 15.435, 244.476



89, 19.003, 245.214



81, 25.433, 286.995



49, 3.991, 242.784



47, 44.873, 269.796



13, 18.128, 261.771

Previews

White Background



This preview shows how the CIE LCh color 87, 17.152, 59.510 looks on a white background.

Color Contrast Check

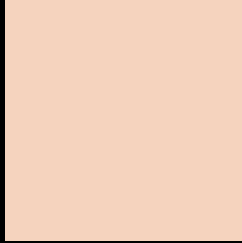
Large Text (above 18pt) WCAG AA × Fail

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, 17.152, 59.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

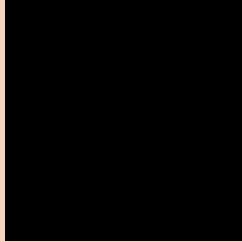
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 17.152, 59.510

Background



This preview shows how black text looks on a background with the CIELCh color 87, 17.152, 59.510.



This preview shows how white text looks on a background with the CIELCh color 87, 17.152, 59.510.

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, 17.152, 59.510

Protanopia

87, 13.173, 90.687

Deuteranopia

87, 18.096, 53.228



Tritanopia
87, 17.431, 352.212

Trichromacy



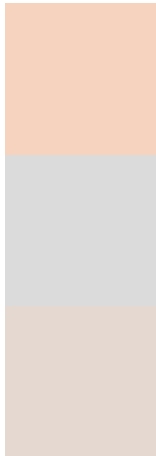
Original Color
87, 17.152, 59.510

Protanomaly
87, 14.021, 78.077

Deuteranomaly
87, 17.746, 55.917

Tritanomaly
87, 14.545, 16.381

Monochromacy



Original Color
87, 17.152, 59.510

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 6.008, 56.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 17.152, 59.510 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(245, 211, 190)` looks like.

```
.text, #text, p{  
    color:rgb(245, 211, 190)  
}
```

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(245, 211, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 211, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 17.152, 59.510 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(245, 211, 190) }
```

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

```
.border{ border-color:rgb(245, 211, 190) }
```

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

Here you see how a box with a 4 pixel rgb(245, 211, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 211, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 211, 190);  
box-shadow:4px 4px 4px 4px rgb(245, 211,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 17.152, 59.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 211, 190) }
```

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

```
.background{ background-color: rgb(245,  
211, 190) }
```

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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