

Converting Colors

CIELCh(99, 62.319, 25.368)

Have a look what the booklet for
CIELCh(99, 62.319, 25.368) contains.

CIELCh(87, 18.636, 25.536)	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, 18.636, 25.536)

Conversions

Conversions Part 1

Format	Color
Hex	FFCECB
RGB	255, 206, 203
RGB Percent	100%, 81%, 80%
CMY	0.0000, 0.1906, 0.2024
CMYK	0.00, 0.19, 0.20, 0.00
HSL	3°, 100%, 90%
HSV	3°, 20%, 100%
XYZ	74.3896, 70.0064, 66.3413
YIQ	220.3090, 30.1670, 9.4550

Conversions

Conversions Part 2

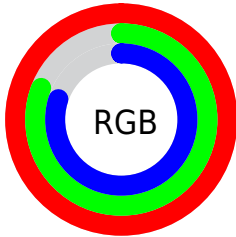
Format	Color
R _Y B	255, 206, 203
Decimal	16764619
CIE _{Lab}	87.00, 16.82, 8.03
CIE _{LCh}	87, 18.636, 25.536
Y _{xy}	70.0064, 0.3530, 0.3322
Android (android.graphics.Color)	4294954699 (0xFFFFCECB)
YUV	220.3090, -8.5333, 30.4240
Hunter-Lab	83.6698, 12.2795, 11.5582

Details

The CIELCh color **87, 18.636, 25.536** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 16.089, 203.975**, 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, 18.662, 26.138** is the 20% darker color. If you saturate the color by 10%, you get **81, 28.742, 26.409**, and if you desaturate by 10%, it is **93, 8.966, 24.933**.

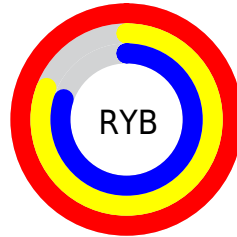
Distribution



Red (100%)

Green (81%)

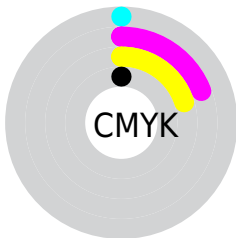
Blue (80%)



Red (100%)

Yellow (81%)

Blue (80%)

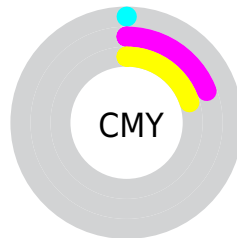


Cyan (0%)

Magenta (19%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 18.636, 25.536 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, 18.636, 25.536 by changing the saturation by 10% instead.

87, 18.636, 25.536

87, 18.636, 25.536

100, 18.636,
25.536

77, 18.636, 25.536

67, 18.636, 25.536

57, 18.636, 25.536

47, 18.636, 25.536

37, 18.636, 25.536

27, 18.636, 25.536

17, 18.636, 25.536

7, 18.636, 25.536

0, 18.636, 25.536

87, 18.636, 25.536

87, 18.636, 25.536

81, 28.742, 26.409

93, 8.966, 24.933

75, 39.759, 27.526

100, 0.199, 21.203

69, 51.424, 29.012

100, 0.012,
296.813

65, 63.536, 30.948

60, 75.754, 33.372

57, 87.493, 36.162

55, 97.541, 38.794

54, 103.851,
40.428

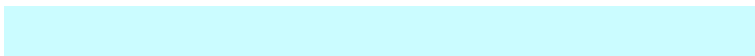
Harmonies

Complementary

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



87, 18.636, 25.536



96, 16.089, 203.975

Rectangle

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



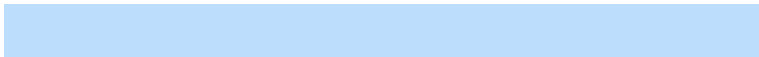
87, 18.636, 25.536



87, 18.636, 75.536



87, 18.636, 205.536



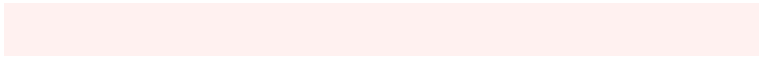
87, 18.636, 255.536

Sweetspot

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



87, 18.471, 25.574



96, 5.166, 24.674



88, 31.284, 326.947



51, 3.435, 24.717



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, 18.471, 25.574



85, 22.248, 25.861



93, 17.056, 78.004



50, 4.966, 24.890



40, 83.431, 40.589



10, 32.217, 30.024

Inverse Universe

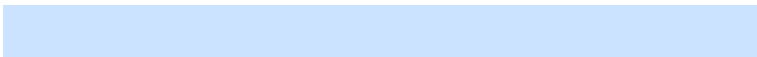
The Inverse Universe completely reimagines the original color for something new.



96, 16.089, 203.975



95, 18.835, 203.887



89, 16.429, 263.646



52, 4.668, 204.314



67, 37.402, 206.202



22, 17.346, 204.932

Previews

White Background



This preview shows how the CIELCh color 87, 18.636, 25.536 looks on a white background.

Color Contrast Check

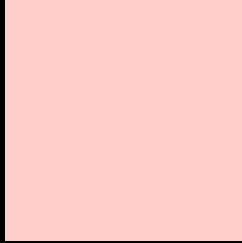
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 87, 18.636, 25.536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

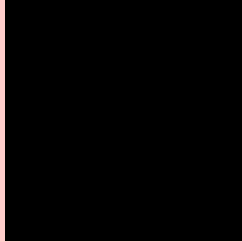
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 18.636, 25.536

Background



This preview shows how black text looks on a background with the CIELCh color 87, 18.636, 25.536.

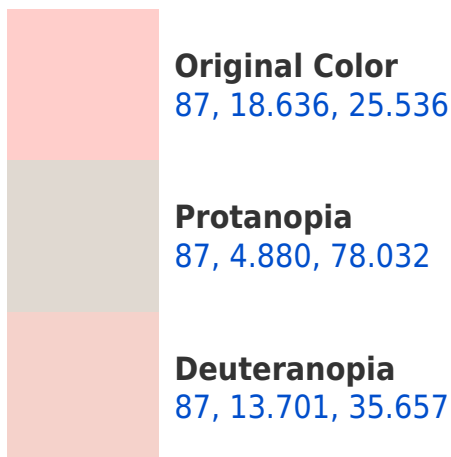


This preview shows how white text looks on a background with the CIELCh color 87, 18.636, 25.536.

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, 18.636, 25.536

Protanomaly
87, 8.752, 40.785

Deuteranomaly
87, 15.447, 32.059

Tritanomaly
87, 18.643, 7.989

Monochromacy



Original Color
87, 18.636, 25.536

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 6.240, 24.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 18.636, 25.536 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(255, 206, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 203)  
}
```

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(255, 206, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 18.636, 25.536 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(255, 206, 203) }
```

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

```
.border{ border-color:rgb(255, 206, 203) }
```

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

Here you see how a box with a 4 pixel rgb(255, 206, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 18.636, 25.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 203) }
```

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

```
.background{ background-color: rgb(255,  
206, 203) }
```

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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