

Converting Colors

CIELCh(87, 19.634, 46.255)

Have a look what the booklet for
CIELCh(87, 19.634, 46.255) contains.

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Color

CIELCh(87, 19.712, 45.371)

Conversions

Conversions Part 1

Format	Color
Hex	FED0C0
RGB	254, 208, 192
RGB Percent	100%, 82%, 75%
CMY	0.0038, 0.1842, 0.2470
CMYK	0.00, 0.18, 0.24, 0.00
HSL	15°, 97%, 87%
HSV	15°, 24%, 100%
XYZ	72.9616, 70.0064, 59.5502
YIQ	219.9300, 32.5520, 4.7760

Conversions

Conversions Part 2

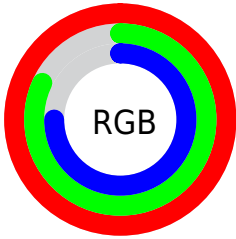
Format	Color
R_{YB}	254, 214, 192
Decimal	16699584
CIE _{Lab}	87.00, 13.85, 14.03
CIE _{LCh}	87, 19.712, 45.371
Yxy	70.0064, 0.3603, 0.3457
Android (android.graphics.Color)	4294889664 (0xFFFE0C0)
YUV	219.9300, -13.7695, 29.8794
Hunter-Lab	83.6698, 9.2329, 16.3705

Details

The CIELCh color **87, 19.712, 45.371** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 16.863, 228.193**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.539, 109.892**, and **67, 19.707, 45.312** is the 20% darker color. If you saturate the color by 10%, you get **82, 28.953, 45.154**, and if you desaturate by 10%, it is **92, 11.172, 45.705**.

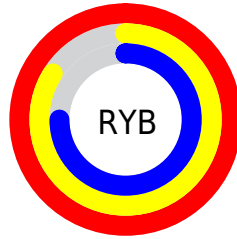
Distribution



Red (100%)

Green (82%)

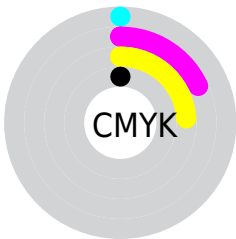
Blue (75%)



Red (100%)

Yellow (84%)

Blue (75%)

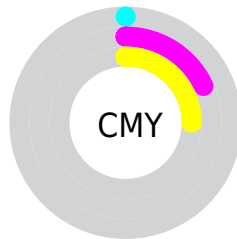


Cyan (0%)

Magenta (18%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 19.712, 45.371 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, 19.712, 45.371 by changing the saturation by 10% instead.

 87, 19.712, 45.371

 87, 19.712, 45.371

 100, 19.712,
45.371

 77, 19.712, 45.371

 67, 19.712, 45.371

 57, 19.712, 45.371

 47, 19.712, 45.371

 37, 19.712, 45.371

 27, 19.712, 45.371

 17, 19.712, 45.371

 7, 19.712, 45.371

 0, 19.712, 45.371

87, 19.712, 45.371

87, 19.712, 45.371

82, 28.953, 45.154

92, 11.172, 45.705

77, 38.927, 45.065

97, 3.283, 46.006

73, 49.616, 45.139

100, 0.338,
201.345

68, 60.911, 45.377

65, 72.513, 45.716

61, 83.716, 45.942

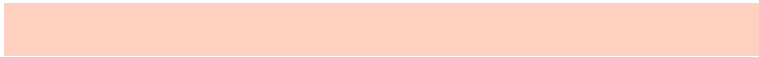
58, 93.029, 45.535

57, 97.023, 45.002

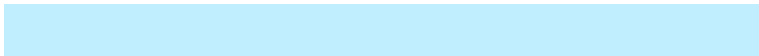
Harmonies

Complementary

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



87, 19.712, 45.371



91, 16.863, 228.193

Rectangle

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



87, 19.712, 45.371



87, 19.712, 95.371



87, 19.712, 225.371



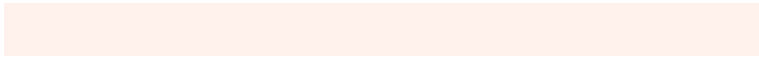
87, 19.712, 275.371

Sweetspot

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



87, 19.711, 45.380



96, 5.286, 45.958



84, 32.767, 333.990



51, 3.443, 45.940



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, 19.711, 45.380



85, 23.940, 45.261



94, 24.497, 94.246



50, 4.337, 45.879



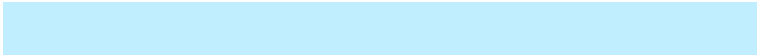
43, 77.887, 45.502



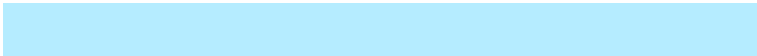
12, 29.132, 40.813

Inverse Universe

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



91, 16.863, 228.193



90, 19.805, 228.671



84, 24.911, 280.694



51, 4.102, 227.039



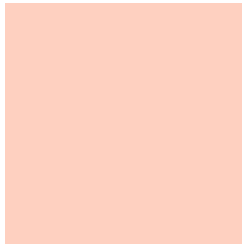
55, 37.226, 248.048



18, 16.586, 241.544

Previews

White Background



This preview shows how the CIELCh color 87, 19.712, 45.371 looks on a white background.

Color Contrast Check

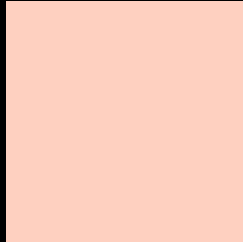
Large Text (above 18pt) WCAG AA × Fail

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, 19.712, 45.371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

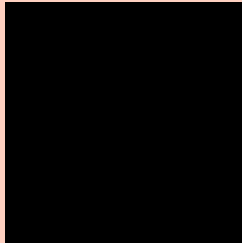
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 19.712, 45.371

Background



This preview shows how black text looks on a background with the CIELCh color 87, 19.712, 45.371.

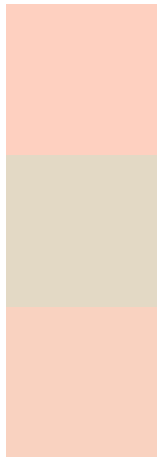


This preview shows how white text looks on a background with the CIELCh color 87, 19.712, 45.371.

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, 19.712, 45.371

Protanopia

87, 11.070, 89.446

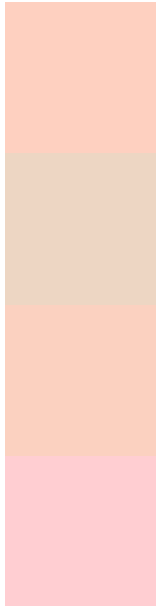
Deuteranopia

87, 17.787, 51.908



Tritanopia
87, 19.932, 357.961

Trichromacy



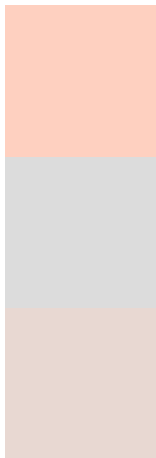
Original Color
87, 19.712, 45.371

Protanomaly
87, 13.233, 68.013

Deuteranomaly
87, 18.542, 48.743

Tritanomaly
87, 18.428, 14.350

Monochromacy



Original Color
87, 19.712, 45.371

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 6.667, 47.602

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 19.712, 45.371 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(254, 208, 192)` looks like.

```
.text, #text, p{  
    color:rgb(254, 208, 192)  
}
```

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(254, 208, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 208, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 19.712, 45.371 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(254, 208, 192) }
```

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

```
.border{ border-color:rgb(254, 208, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 208, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 208, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 208, 192);  
box-shadow:4px 4px 4px 4px rgb(254, 208,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 19.712, 45.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 208, 192) }
```

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

```
.background{ background-color: rgb(254,  
208, 192) }
```

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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