

Converting Colors

CIELCh(90, 12.270, 47.582)

Have a look what the booklet for
CIELCh(90, 12.270, 47.582) contains.

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Color

CIELCh(90, 12.610, 46.796)

Conversions

Conversions Part 1

Format	Color
Hex	FADCD1
RGB	250, 220, 209
RGB Percent	98%, 86%, 82%
CMY	0.0186, 0.1363, 0.1794
CMYK	0.00, 0.12, 0.16, 0.02
HSL	16°, 81%, 90%
HSV	16°, 16%, 98%
XYZ	76.7131, 76.3034, 71.1657
YIQ	227.7160, 21.4110, 2.9390

Conversions

Conversions Part 2

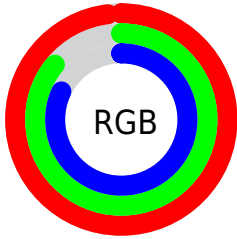
Format	Color
R _Y B	250, 224, 209
Decimal	16440529
CIE Lab	90.00, 8.63, 9.19
CIE LCh	90, 12.610, 46.796
Yxy	76.3034, 0.3422, 0.3404
Android (android.graphics.Color)	4294630609 (0xFFFADCD1)
YUV	227.7160, -9.2270, 19.5431
Hunter-Lab	87.3518, 3.8946, 12.8425

Details

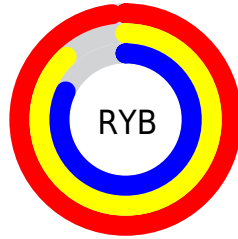
The CIELCh color **90, 12.610, 46.796** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 11.422, 228.832**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 12.440, 46.098** is the 20% darker color. If you saturate the color by 10%, you get **85, 21.139, 46.444**, and if you desaturate by 10%, it is **95, 4.723, 47.199**.

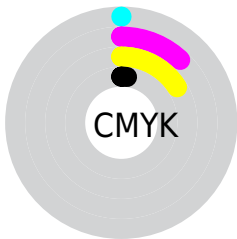
Distribution



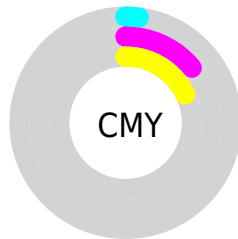
- Red (98%)
- Green (86%)
- Blue (82%)



- Red (98%)
- Yellow (88%)
- Blue (82%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (2%)



- Cyan (2%)
- Magenta (14%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 12.610, 46.796 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 90, 12.610, 46.796 by changing the saturation by 10% instead.

 90, 12.610, 46.796

 90, 12.610, 46.796

 100, 12.610,
46.796

 80, 12.610, 46.796

 70, 12.610, 46.796

 60, 12.610, 46.796

 50, 12.610, 46.796

 40, 12.610, 46.796

 30, 12.610, 46.796

 20, 12.610, 46.796

 10, 12.610, 46.796

 0, 12.610, 46.796

90, 12.610, 46.796

90, 12.610, 46.796

85, 21.139, 46.444

95, 4.723, 47.199

80, 30.363, 46.180

100, 1.647,
199.703

76, 40.305, 46.051

71, 50.934, 46.076

67, 62.119, 46.247

63, 73.512, 46.479

60, 84.301, 46.513

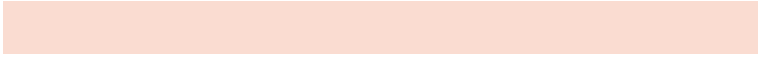
57, 92.866, 45.777

56, 95.416, 45.433

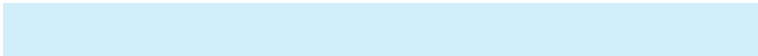
Harmonies

Complementary

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



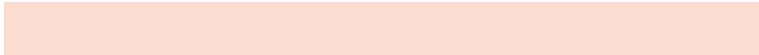
90, 12.610, 46.796



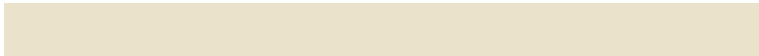
93, 11.422, 228.832

Rectangle

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



90, 12.610, 46.796



90, 12.610, 96.796



90, 12.610, 226.796



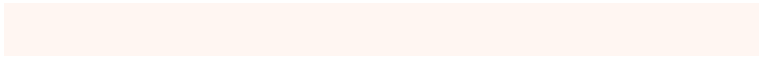
90, 12.610, 276.796

Sweetspot

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



90, 12.609, 46.809



97, 3.734, 47.232



88, 21.431, 334.066



52, 2.555, 47.217



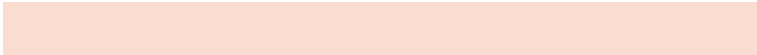
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 12.609, 46.809



90, 15.855, 46.667



95, 16.449, 96.370



49, 4.251, 47.088



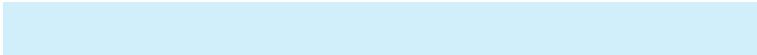
43, 76.690, 45.954



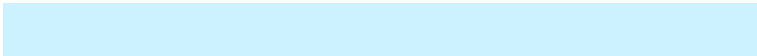
12, 27.750, 40.976

Inverse Universe

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



93, 11.422, 228.832



93, 14.018, 229.146



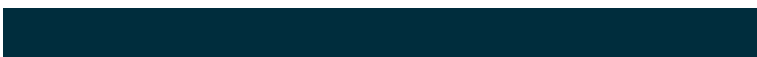
88, 16.675, 280.482



50, 4.025, 228.336



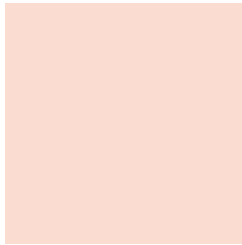
54, 37.322, 250.076



16, 16.254, 243.091

Previews

White Background



This preview shows how the CIE LCh color 90, 12.610, 46.796 looks on a white background.

Color Contrast Check

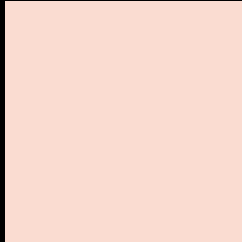
Large Text (above 18pt) WCAG AA × Fail

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 90, 12.610, 46.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

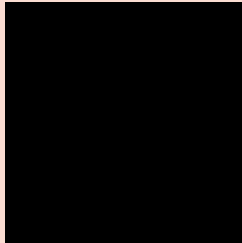
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 12.610, 46.796

Background



This preview shows how black text looks on a background with the CIELCh color 90, 12.610, 46.796.

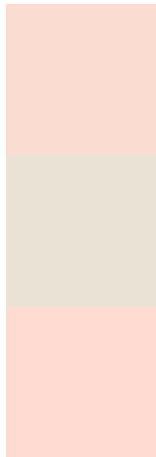


This preview shows how white text looks on a background with the CIELCh color 90, 12.610, 46.796.

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

90, 12.610, 46.796

Protanopia

90, 7.803, 87.403

Deuteranopia

90, 14.299, 39.168



Tritanopia
90, 15.676, 346.408

Trichromacy



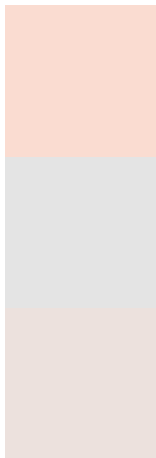
Original Color
90, 12.610, 46.796

Protanomaly
90, 8.957, 68.184

Deuteranomaly
90, 13.575, 40.176

Tritanomaly
90, 12.921, 4.079

Monochromacy



Original Color
90, 12.610, 46.796

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 4.483, 46.992

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 12.610, 46.796 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(250, 220, 209)` looks like.

```
.text, #text, p{  
    color:rgb(250, 220, 209)  
}
```

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(250, 220, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 220, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 12.610, 46.796 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(250, 220, 209) }
```

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

```
.border{ border-color:rgb(250, 220, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 220, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 220, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 220, 209);  
box-shadow:4px 4px 4px 4px rgb(250, 220,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 12.610, 46.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 220, 209) }
```

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

```
.background{ background-color: rgb(250,  
220, 209) }
```

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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