

Converting Colors

CIELCh(91, 21.914, 35.167)

Have a look what the booklet for
CIELCh(91, 21.914, 35.167) contains.

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Color

CIELCh(90, 15.467, 41.806)

Conversions

Conversions Part 1

Format	Color
Hex	FFDACF
RGB	255, 218, 207
RGB Percent	100%, 85%, 81%
CMY	0.0000, 0.1441, 0.1873
CMYK	0.00, 0.14, 0.19, 0.00
HSL	14°, 100%, 91%
HSV	14°, 19%, 100%
XYZ	78.1539, 76.3034, 69.7984
YIQ	227.8090, 25.5830, 4.4230

Conversions

Conversions Part 2

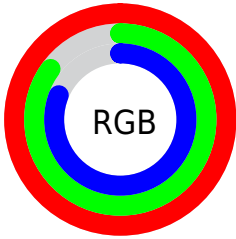
Format	Color
R _Y B	255, 221, 207
Decimal	16767695
CIE Lab	90.00, 11.53, 10.31
CIE LCh	90, 15.467, 41.806
Yxy	76.3034, 0.3485, 0.3403
Android (android.graphics.Color)	4294957775 (0xFFFFDACF)
YUV	227.8090, -10.2588, 23.8465
Hunter-Lab	87.3518, 6.8388, 13.7706

Details

The CIELCh color **90, 15.467, 41.806** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 13.294, 224.114**, 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, 15.113, 41.521** is the 20% darker color. If you saturate the color by 10%, you get **85, 23.985, 42.366**, and if you desaturate by 10%, it is **95, 6.707, 42.707**.

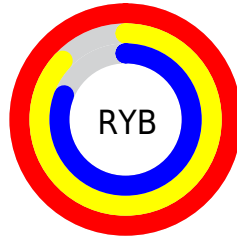
Distribution



Red (100%)

Green (85%)

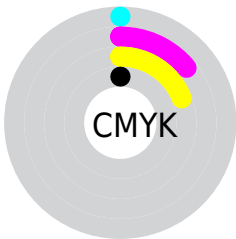
Blue (81%)



Red (100%)

Yellow (87%)

Blue (81%)

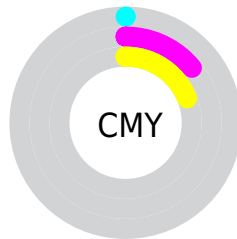


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 15.467, 41.806 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, 15.467, 41.806 by changing the saturation by 10% instead.

 90, 15.467, 41.806

 90, 15.467, 41.806

 100, 15.467,
41.806

 80, 15.467, 41.806

 70, 15.467, 41.806

 60, 15.467, 41.806

 50, 15.467, 41.806

 40, 15.467, 41.806

 30, 15.467, 41.806

 20, 15.467, 41.806

 10, 15.467, 41.806

 0, 15.467, 41.806

90, 15.467, 41.806

90, 15.467, 41.806

85, 23.985, 42.366

95, 6.707, 42.707

80, 33.713, 42.370

100, 0.012,
296.813

75, 44.192, 42.549

70, 55.363, 42.925

66, 67.044, 43.488

62, 78.792, 44.128

59, 89.588, 44.508

57, 97.669, 44.041

56, 98.576, 43.999

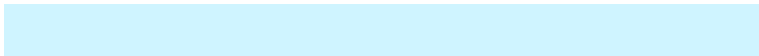
Harmonies

Complementary

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



90, 15.467, 41.806



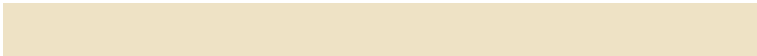
94, 13.294, 224.114

Rectangle

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



90, 15.467, 41.806



90, 15.467, 91.806



90, 15.467, 221.806



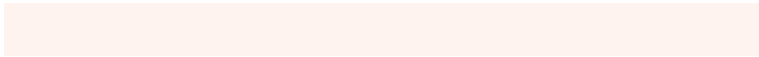
90, 15.467, 271.806

Sweetspot

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



90, 14.997, 42.499



97, 4.561, 42.749



88, 25.783, 332.318



51, 3.033, 42.742



0, 0.000, 0.000



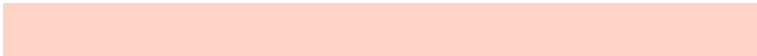
53, 0.007, 296.813

Same Dimension

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



90, 14.997, 42.499



88, 17.860, 42.443



96, 18.189, 92.588



50, 4.384, 42.691



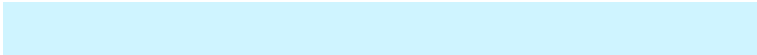
43, 78.918, 44.460



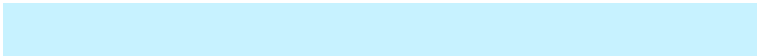
12, 29.529, 39.017

Inverse Universe

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



94, 13.294, 224.114



93, 15.465, 224.345



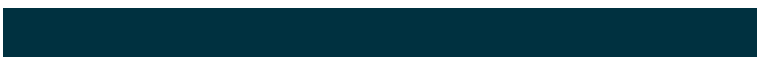
88, 18.308, 277.518



52, 4.137, 223.605



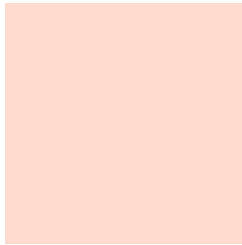
57, 36.166, 242.316



18, 16.309, 236.324

Previews

White Background



This preview shows how the CIELCh color 90, 15.467, 41.806 looks on a white background.

Color Contrast Check

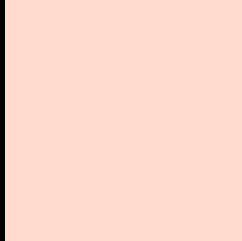
Large Text (above 18pt) WCAG AA × Fail

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 90, 15.467, 41.806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

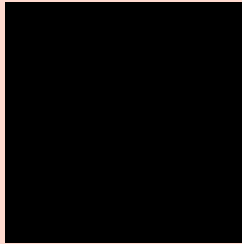
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

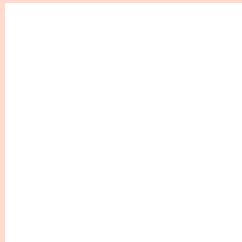
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 15.467, 41.806

Background



This preview shows how black text looks on a background with the CIELCh color 90, 15.467, 41.806.

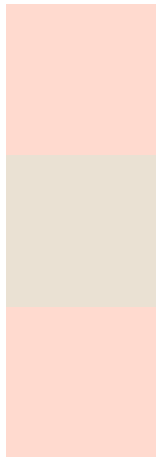


This preview shows how white text looks on a background with the CIELCh color 90, 15.467, 41.806.

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, 15.092, 42.325

Protanopia

90, 7.956, 84.919

Deuteranopia

90, 15.092, 42.325



Tritanopia
90, 16.109, 351.809

Trichromacy



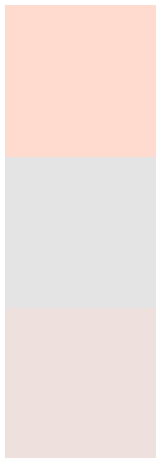
Original Color
90, 15.092, 42.325

Protanomaly
90, 9.751, 63.224

Deuteranomaly
90, 15.092, 42.325

Tritanomaly
90, 14.185, 9.949

Monochromacy



Original Color
90, 15.092, 42.325

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 5.492, 41.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 15.467, 41.806 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, 218, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 207)  
}
```

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, 218, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 15.467, 41.806 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, 218, 207) }
```

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

```
.border{ border-color:rgb(255, 218, 207) }
```

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

Here you see how a box with a 4 pixel rgb(255, 218, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 15.467, 41.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 207) }
```

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

```
.background{ background-color: rgb(255,  
218, 207) }
```

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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