

Converting Colors

CIELCh(90, 14.298, 44.664)

Have a look what the booklet for
CIELCh(90, 14.298, 44.664) contains.

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Color

CIELCh(90, 14.365, 43.442)

Conversions

Conversions Part 1

Format	Color
Hex	FEDBD0
RGB	254, 219, 208
RGB Percent	100%, 86%, 82%
CMY	0.0038, 0.1411, 0.1842
CMYK	0.00, 0.14, 0.18, 0.00
HSL	14°, 96%, 91%
HSV	14°, 18%, 100%
XYZ	77.6050, 76.3034, 70.3253
YIQ	228.2110, 24.3910, 3.9990

Conversions

Conversions Part 2

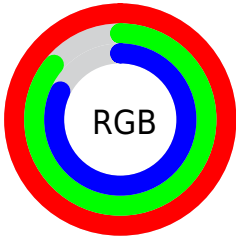
Format	Color
RYB	254, 222, 208
Decimal	16702416
CIELab	90.00, 10.43, 9.88
CIELCh	90, 14.365, 43.442
Yxy	76.3034, 0.3461, 0.3403
Android (android.graphics.Color)	4294892496 (0xFFFE DBD0)
YUV	228.2110, -9.9640, 22.6170
Hunter-Lab	87.3518, 5.7172, 13.4130

Details

The CIELCh color $90, 14.365, 43.442$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $94, 12.803, 225.170$, 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 $70, 14.328, 42.650$ is the 20% darker color. If you saturate the color by 10%, you get $85, 23.239, 43.266$, and if you desaturate by 10%, it is $95, 6.175, 43.706$.

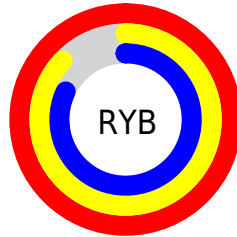
Distribution



Red (100%)

Green (86%)

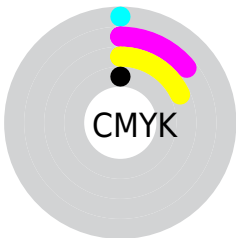
Blue (82%)



Red (100%)

Yellow (87%)

Blue (82%)

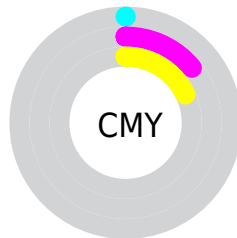


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 14.365, 43.442 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, 14.365, 43.442 by changing the saturation by 10% instead.

 90, 14.365, 43.442

 90, 14.365, 43.442

 100, 14.365,
43.442

 80, 14.365, 43.442

 70, 14.365, 43.442

 60, 14.365, 43.442

 50, 14.365, 43.442

 40, 14.365, 43.442

 30, 14.365, 43.442

 20, 14.365, 43.442

 10, 14.365, 43.442

 0, 14.365, 43.442

90, 14.365, 43.442

90, 14.365, 43.442

85, 23.239, 43.266

95, 6.175, 43.706

80, 32.845, 43.206

100, 0.340,
201.334

75, 43.196, 43.311

70, 54.242, 43.604

66, 65.815, 44.074

63, 77.497, 44.619

59, 88.329, 44.925

57, 96.553, 44.391

56, 97.900, 44.299

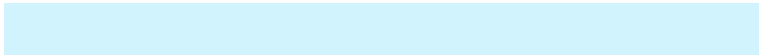
Harmonies

Complementary

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



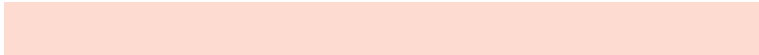
90, 14.365, 43.442



94, 12.803, 225.170

Rectangle

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



90, 14.365, 43.442



90, 14.365, 93.442



90, 14.365, 223.442



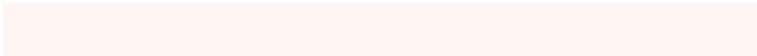
90, 14.365, 273.442

Sweetspot

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



90, 14.364, 43.454



97, 3.771, 43.753



88, 24.560, 332.899



52, 2.580, 43.748



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, 14.364, 43.454



88, 17.789, 43.368



96, 17.815, 93.870



50, 4.368, 43.673



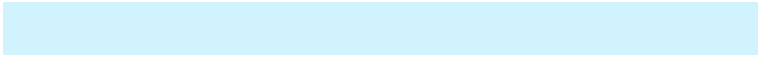
43, 78.605, 44.770



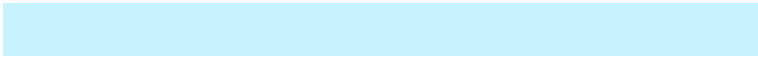
12, 29.405, 39.559

Inverse Universe

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



94, 12.803, 225.170



93, 15.425, 225.462



88, 17.983, 278.569



51, 4.125, 224.663



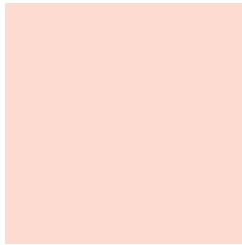
56, 36.457, 244.118



18, 16.381, 237.954

Previews

White Background



This preview shows how the CIE LCh color 90, 14.365, 43.442 looks on a white background.

Color Contrast Check

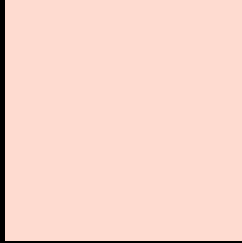
Large Text (above 18pt) WCAG AA × Fail

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, 14.365, 43.442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

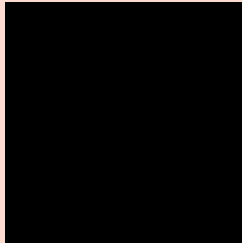
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 90, 14.365, 43.442

Background



This preview shows how black text looks on a background with the CIELCh color 90, 14.365, 43.442.

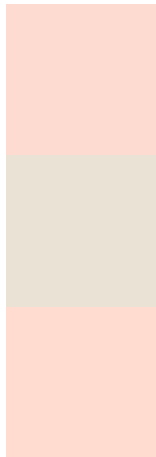


This preview shows how white text looks on a background with the CIELCh color 90, 14.365, 43.442.

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, 14.365, 43.442

Protanopia

90, 7.803, 87.403

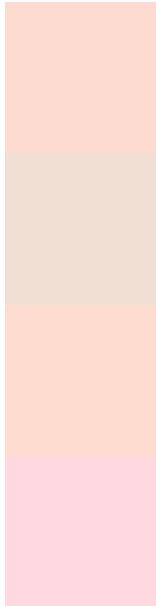
Deuteranopia

90, 14.720, 42.870



Tritanopia
90, 16.348, 350.200

Trichromacy



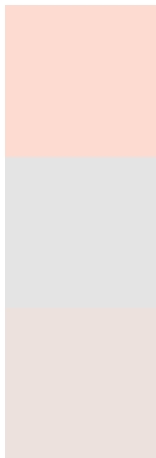
Original Color
90, 14.365, 43.442

Protanomaly
90, 9.112, 62.569

Deuteranomaly
90, 14.720, 42.870

Tritanomaly
90, 14.266, 7.902

Monochromacy



Original Color
90, 14.365, 43.442

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 4.813, 45.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 14.365, 43.442 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, 219, 208)` looks like.

```
.text, #text, p{  
    color:rgb(254, 219, 208)  
}
```

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, 219, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 219, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 14.365, 43.442 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, 219, 208) }
```

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

```
.border{ border-color:rgb(254, 219, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 219, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 219, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 219, 208);  
box-shadow:4px 4px 4px 4px rgb(254, 219,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 14.365, 43.442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 219, 208) }
```

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

```
.background{ background-color: rgb(254,  
219, 208) }
```

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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