

Converting Colors

CIELCh(91, 20.084, 22.904)

Have a look what the booklet for
CIELCh(91, 20.084, 22.904) contains.

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Color

CIELCh(90, 14.500, 22.453)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9D8
RGB	255, 217, 216
RGB Percent	100%, 85%, 85%
CMY	0.0000, 0.1477, 0.1516
CMYK	0.00, 0.15, 0.15, 0.00
HSL	2°, 100%, 92%
HSV	2°, 15%, 100%
XYZ	79.0944, 76.3034, 75.7554
YIQ	228.2480, 22.9690, 7.7450

Conversions

Conversions Part 2

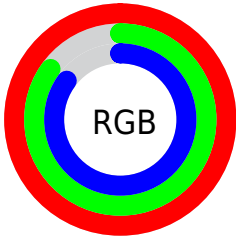
Format	Color
R _Y B	255, 217, 216
Decimal	16767448
CIE _{Lab}	90.00, 13.40, 5.54
CIE _{LCh}	90, 14.500, 22.453
Y _{xy}	76.3034, 0.3422, 0.3301
Android (android.graphics.Color)	4294957528 (0xFFFFD9D8)
YUV	228.2480, -6.0383, 23.4615
Hunter-Lab	87.3518, 8.7608, 9.7273

Details

The CIELCh color **90, 14.500, 22.453** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 12.641, 201.010**, 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, 14.194, 22.836** is the 20% darker color. If you saturate the color by 10%, you get **83, 24.133, 23.366**, and if you desaturate by 10%, it is **97, 4.567, 21.764**.

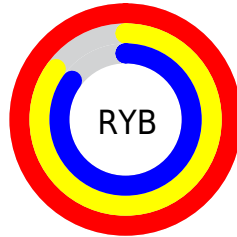
Distribution



Red (100%)

Green (85%)

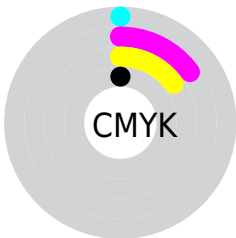
Blue (85%)



Red (100%)

Yellow (85%)

Blue (85%)

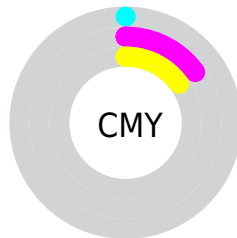


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 14.500, 22.453 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, 14.500, 22.453 by changing the saturation by 10% instead.

 90, 14.500, 22.453

 90, 14.500, 22.453

 100, 14.500,
22.453

 80, 14.500, 22.453

 70, 14.500, 22.453

 60, 14.500, 22.453

 50, 14.500, 22.453

 40, 14.500, 22.453

 30, 14.500, 22.453

 20, 14.500, 22.453

 10, 14.500, 22.453

 0, 14.500, 22.453

90, 14.500, 22.453

90, 14.500, 22.453

83, 24.133, 23.366

97, 4.567, 21.764

77, 35.048, 24.495

100, 0.012,
296.813

71, 46.632, 25.982

66, 58.702, 27.930

62, 70.949, 30.422

58, 82.909, 33.448

55, 93.776, 36.706

54, 101.779,
39.289

53, 104.263,
40.183

Harmonies

Complementary

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



90, 14.500, 22.453



97, 12.641, 201.010

Rectangle

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



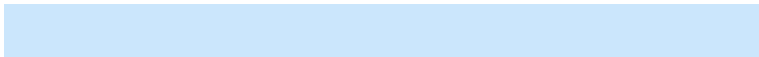
90, 14.500, 22.453



90, 14.500, 72.453



90, 14.500, 202.453



90, 14.500, 252.453

Sweetspot

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



90, 13.969, 22.501



97, 4.422, 21.750



91, 23.944, 325.719



51, 3.025, 21.808



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

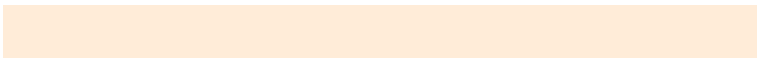
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 13.969, 22.501



88, 16.777, 22.725



94, 12.360, 75.267



50, 5.120, 22.088



40, 83.870, 40.263



10, 32.833, 28.448

Inverse Universe

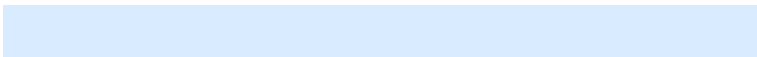
The Inverse Universe completely reimagines the original color for something new.



97, 12.641, 201.010



97, 14.878, 200.889



92, 11.936, 259.356



52, 4.816, 201.280



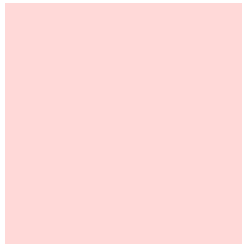
69, 38.922, 200.567



23, 17.982, 200.046

Previews

White Background



This preview shows how the CIELCh color 90, 14.500, 22.453 looks on a white background.

Color Contrast Check

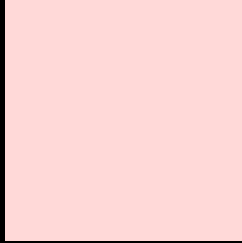
Large Text (above 18pt) WCAG AA × Fail

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, 14.500, 22.453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

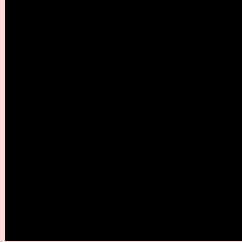
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

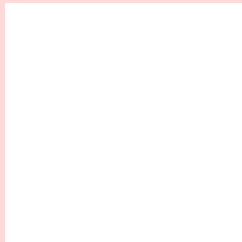
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 14.500, 22.453

Background



This preview shows how black text looks on a background with the CIELCh color 90, 14.500, 22.453.

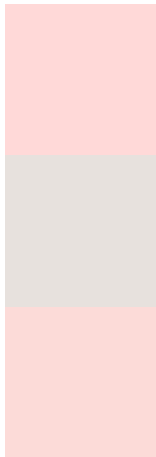


This preview shows how white text looks on a background with the CIELCh color 90, 14.500, 22.453.

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, 14.106, 22.476

Protanopia

90, 2.982, 63.289

Deuteranopia

90, 12.322, 27.426



Tritanopia
90, 16.109, 351.809

Trichromacy



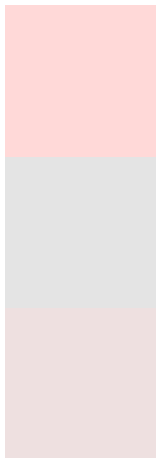
Original Color
90, 14.106, 22.476

Protanomaly
90, 6.752, 33.047

Deuteranomaly
90, 13.012, 24.829

Tritanomaly
90, 15.131, 0.554

Monochromacy



Original Color
90, 14.106, 22.476

Achromatopsia
91, 0.011, 296.813

Achromatomaly
90, 5.066, 19.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 14.500, 22.453 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, 217, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 216)  
}
```

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, 217, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 14.500, 22.453 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, 217, 216) }
```

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

```
.border{ border-color:rgb(255, 217, 216) }
```

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

Here you see how a box with a 4 pixel rgb(255, 217, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 14.500, 22.453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 216) }
```

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

```
.background{ background-color: rgb(255,  
217, 216) }
```

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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