

Converting Colors

CIELCh(93, 30.850, 26.199)

Have a look what the booklet for
CIELCh(93, 30.850, 26.199) contains.

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Color

CIELCh(89, 15.225, 30.175)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7D2
RGB	255, 215, 210
RGB Percent	100%, 84%, 82%
CMY	0.0019, 0.1587, 0.1783
CMYK	0.00, 0.16, 0.18, 0.00
HSL	7°, 98%, 91%
HSV	7°, 18%, 100%
XYZ	76.8213, 74.1641, 70.9382
YIQ	226.3900, 25.4450, 6.9250

Conversions

Conversions Part 2

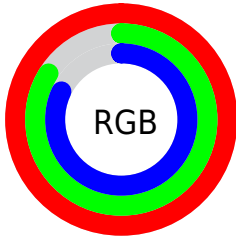
Format	Color
R _Y B	255, 216, 210
Decimal	16766930
CIE Lab	89.00, 13.16, 7.65
CIE LCh	89, 15.225, 30.175
Yxy	74.1641, 0.3462, 0.3342
Android (android.graphics.Color)	4294957010 (0xFFFFD7D2)
YUV	226.3900, -8.0803, 25.0910
Hunter-Lab	86.1186, 8.5218, 11.4443

Details

The CIELCh color **89, 15.225, 30.175** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 13.499, 209.641**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 15.308, 28.865** is the 20% darker color. If you saturate the color by 10%, you get **83, 24.860, 30.699**, and if you desaturate by 10%, it is **95, 6.338, 29.800**.

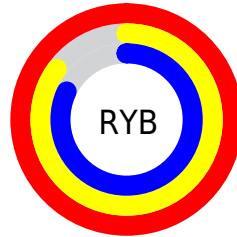
Distribution



Red (100%)

Green (84%)

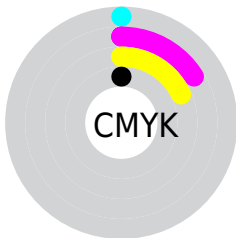
Blue (82%)



Red (100%)

Yellow (85%)

Blue (82%)

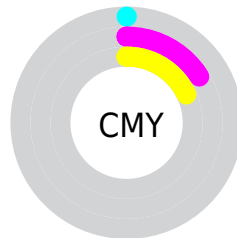


Cyan (0%)

Magenta (16%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 15.225, 30.175 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 89, 15.225, 30.175 by changing the saturation by 10% instead.

 89, 15.225, 30.175

 89, 15.225, 30.175

 100, 15.225,
30.175

 79, 15.225, 30.175

 69, 15.225, 30.175

 59, 15.225, 30.175

 49, 15.225, 30.175

 39, 15.225, 30.175

 29, 15.225, 30.175

 19, 15.225, 30.175

 9, 15.225, 30.175

 0, 15.225, 30.175

89, 15.225, 30.175

89, 15.225, 30.175

83, 24.860, 30.699

95, 6.338, 29.800

77, 35.266, 31.432

100, 0.166,
203.383

72, 46.407, 32.452

67, 58.166, 33.822

63, 70.301, 35.575

59, 82.347, 37.641

56, 93.317, 39.666

54, 101.206,
40.827

54, 102.644,
41.079

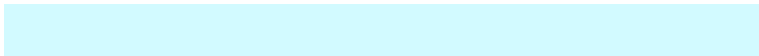
Harmonies

Complementary

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



89, 15.225, 30.175



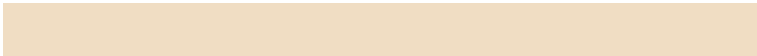
96, 13.499, 209.641

Rectangle

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



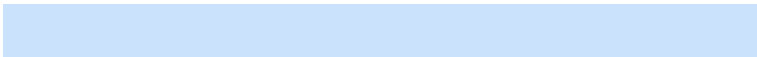
89, 15.225, 30.175



89, 15.225, 80.175



89, 15.225, 210.175



89, 15.225, 260.175

Sweetspot

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



89, 15.223, 30.185



97, 4.091, 29.680



89, 26.346, 328.296



51, 2.799, 29.716



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 15.223, 30.185



87, 18.373, 30.336



94, 15.387, 83.109



50, 4.740, 29.870



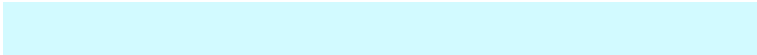
41, 82.472, 41.331



11, 31.304, 32.627

Inverse Universe

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



96, 13.499, 209.641



95, 15.891, 209.641



90, 15.098, 267.993



52, 4.454, 209.714



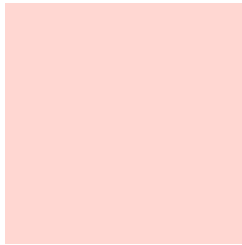
64, 35.664, 216.524



21, 16.563, 213.805

Previews

White Background



This preview shows how the CIELCh color 89, 15.225, 30.175 looks on a white background.

Color Contrast Check

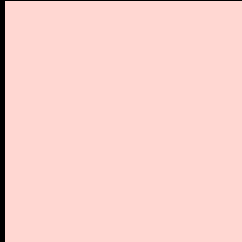
Large Text (above 18pt) WCAG AA × Fail

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 89, 15.225, 30.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

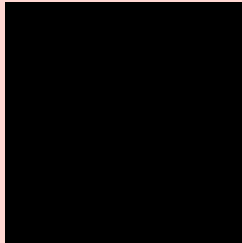
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

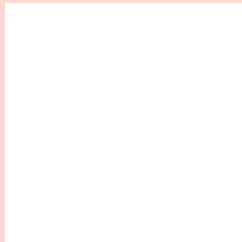
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 15.225, 30.175

Background



This preview shows how black text looks on a background with the CIELCh color 89, 15.225, 30.175.

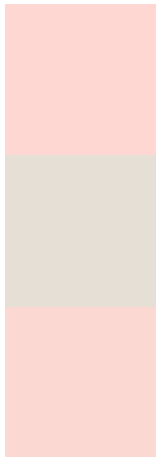


This preview shows how white text looks on a background with the CIELCh color 89, 15.225, 30.175.

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

89, 15.225, 30.175

Protanopia

89, 5.306, 80.927

Deuteranopia

89, 13.616, 35.652



Tritanopia
89, 17.680, 352.784

Trichromacy



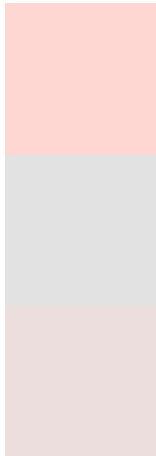
Original Color
89, 15.225, 30.175

Protanomaly
89, 8.149, 50.314

Deuteranomaly
89, 14.223, 32.910

Tritanomaly
89, 15.972, 5.585

Monochromacy



Original Color
89, 15.225, 30.175

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 5.189, 31.153

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 15.225, 30.175 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, 215, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 210)  
}
```

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, 215, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 15.225, 30.175 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, 215, 210) }
```

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

```
.border{ border-color:rgb(255, 215, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 15.225, 30.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 210) }
```

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

```
.background{ background-color: rgb(255,  
215, 210) }
```

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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