

Converting Colors

CIELCh(89, 15.619, 29.964)

Have a look what the booklet for
CIELCh(89, 15.619, 29.964) contains.

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Color

CIELCh(89, 15.619, 29.964)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6D1
RGB	255, 214, 209
RGB Percent	100%, 84%, 82%
CMY	0.0000, 0.1597, 0.1793
CMYK	0.00, 0.16, 0.18, 0.00
HSL	7°, 100%, 91%
HSV	7°, 18%, 100%
XYZ	77.0043, 74.1641, 70.7564
YIQ	225.6890, 26.0410, 7.1370

Conversions

Conversions Part 2

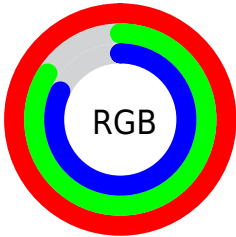
Format	Color
R _Y B	255, 215, 209
Decimal	16766673
CIE _{Lab}	89.00, 13.53, 7.80
CIE _{LCh}	89, 15.619, 29.964
Y _{xy}	74.1641, 0.3470, 0.3342
Android (android.graphics.Color)	4294956753 (0xFFFFD6D1)
YUV	225.6890, -8.2277, 25.7057
Hunter-Lab	86.1186, 8.9010, 11.5694

Details

The CIELCh color **89, 15.619, 29.964** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 13.725, 209.450**, 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, 15.734, 28.694** is the 20% darker color. If you saturate the color by 10%, you get **83, 25.193, 30.562**, and if you desaturate by 10%, it is **95, 6.578, 29.640**.

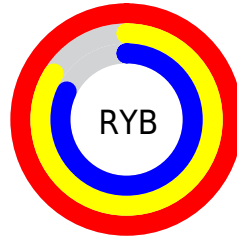
Distribution



Red (100%)

Green (84%)

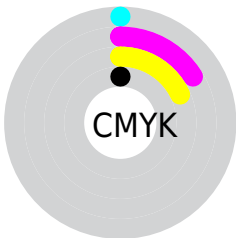
Blue (82%)



Red (100%)

Yellow (84%)

Blue (82%)

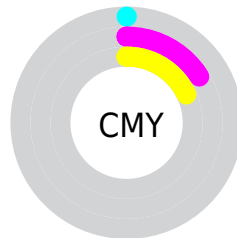


Cyan (0%)

Magenta (16%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 15.619, 29.964 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, 15.619, 29.964 by changing the saturation by 10% instead.

 89, 15.619, 29.964

 89, 15.619, 29.964

 100, 15.619,
29.964

 79, 15.619, 29.964

 69, 15.619, 29.964

 59, 15.619, 29.964

 49, 15.619, 29.964

 39, 15.619, 29.964

 29, 15.619, 29.964

 19, 15.619, 29.964

 9, 15.619, 29.964

 0, 15.619, 29.964

89, 15.619, 29.964

89, 15.619, 29.964

83, 25.193, 30.562

95, 6.578, 29.640

77, 35.648, 31.312

100, 0.012,
296.813

72, 46.835, 32.352

67, 58.635, 33.747

63, 70.798, 35.528

59, 82.847, 37.620

56, 93.775, 39.659

54, 101.562,
40.819

54, 102.836,
41.051

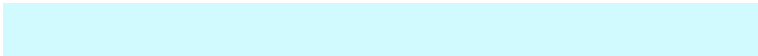
Harmonies

Complementary

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



89, 15.619, 29.964



96, 13.725, 209.450

Rectangle

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



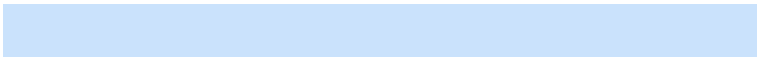
89, 15.619, 29.964



89, 15.619, 79.964



89, 15.619, 209.964



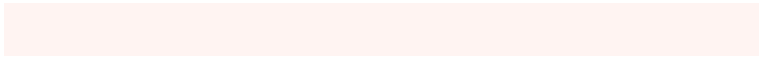
89, 15.619, 259.964

Sweetspot

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



89, 15.509, 30.034



97, 4.097, 29.507



89, 26.775, 328.311



51, 2.803, 29.544



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, 15.509, 30.034



87, 19.356, 30.226



94, 15.643, 83.075



50, 4.747, 29.700



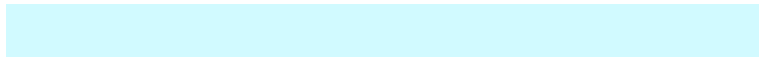
41, 82.510, 41.301



11, 31.332, 32.543

Inverse Universe

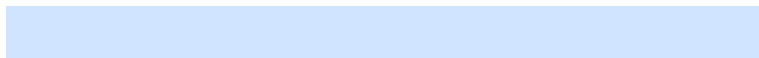
The Inverse Universe completely reimagines the original color for something new.



96, 13.725, 209.450



95, 16.614, 209.450



90, 15.344, 268.036



52, 4.461, 209.531



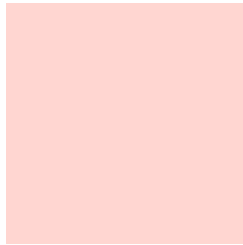
64, 35.703, 216.171



21, 16.583, 213.502

Previews

White Background



This preview shows how the CIELCh color 89, 15.619, 29.964 looks on a white background.

Color Contrast Check

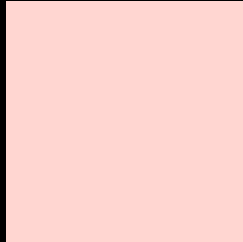
Large Text (above 18pt) WCAG AA × Fail

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, 15.619, 29.964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

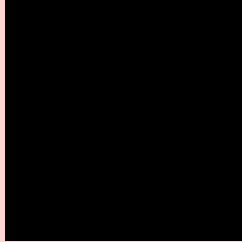
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

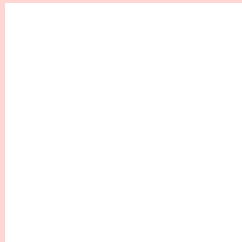
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 15.619, 29.964

Background



This preview shows how black text looks on a background with the CIELCh color 89, 15.619, 29.964.

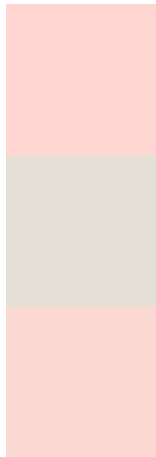


This preview shows how white text looks on a background with the CIELCh color 89, 15.619, 29.964.

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, 15.619, 29.964

Protanopia

89, 5.306, 80.927

Deuteranopia

89, 13.616, 35.652



Tritanopia
89, 17.680, 352.784

Trichromacy



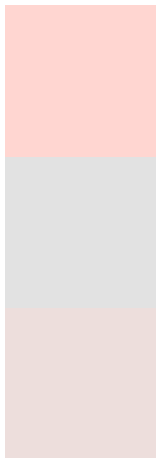
Original Color
89, 15.619, 29.964

Protanomaly
89, 8.149, 50.314

Deuteranomaly
89, 14.223, 32.910

Tritanomaly
89, 15.972, 5.585

Monochromacy



Original Color
89, 15.619, 29.964

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 5.551, 30.423

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 15.619, 29.964 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, 214, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 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(255, 214, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 15.619, 29.964 is called "border". The border property can be set on classes, ids or directly on the HTML element.

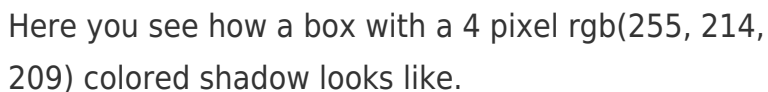
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 214, 209) }
```

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

```
.border{ border-color:rgb(255, 214, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 214, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 15.619, 29.964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 209) }
```

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

```
.background{ background-color: rgb(255,  
214, 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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