

Converting Colors

CIELCh(89, 12.736, 18.963)

Have a look what the booklet for
CIELCh(89, 12.736, 18.963) contains.

CIELCh(89, 12.571, 20.276)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(89, 12.571, 20.276)

Conversions

Conversions Part 1

Format	Color
Hex	FAD8D8
RGB	250, 216, 216
RGB Percent	98%, 85%, 85%
CMY	0.0208, 0.1541, 0.1541
CMYK	0.00, 0.14, 0.14, 0.02
HSL	0°, 76%, 91%
HSV	0°, 14%, 98%
XYZ	76.1455, 74.1641, 75.0617
YIQ	226.1660, 20.2640, 7.2080

Conversions

Conversions Part 2

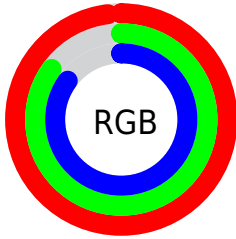
Format	Color
R _{YB}	250, 216, 216
Decimal	16439512
CIE Lab	89.00, 11.79, 4.36
CIE LCh	89, 12.571, 20.276
Yxy	74.1641, 0.3379, 0.3291
Android (android.graphics.Color)	4294629592 (0xFFFAD8D8)
YUV	226.1660, -5.0118, 20.9024
Hunter-Lab	86.1186, 7.1209, 8.6054

Details

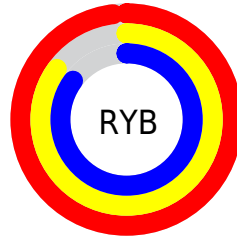
The CIELCh color **89, 12.571, 20.276** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 11.511, 198.735**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 12.556, 20.511** is the 20% darker color. If you saturate the color by 10%, you get **82, 22.679, 21.222**, and if you desaturate by 10%, it is **96, 3.206, 19.431**.

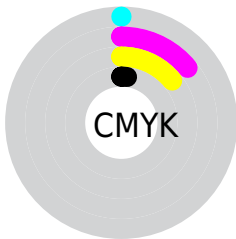
Distribution



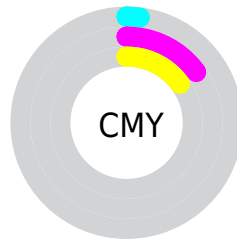
- Red (98%)
- Green (85%)
- Blue (85%)



- Red (98%)
- Yellow (85%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (14%)
- Black (2%)



- Cyan (2%)
- Magenta (15%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 12.571, 20.276 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, 12.571, 20.276 by changing the saturation by 10% instead.

 89, 12.571, 20.276

 89, 12.571, 20.276

 100, 12.571,
20.276

 79, 12.571, 20.276

 69, 12.571, 20.276

 59, 12.571, 20.276

 49, 12.571, 20.276

 39, 12.571, 20.276

 29, 12.571, 20.276

 19, 12.571, 20.276

 9, 12.571, 20.276

 0, 12.571, 20.276

89, 12.571, 20.276

89, 12.571, 20.276

82, 22.679, 21.222

96, 3.206, 19.431

76, 33.521, 22.424

100, 1.843,
199.648

70, 45.006, 23.995

65, 56.934, 26.049

60, 68.987, 28.690

57, 80.715, 31.940

54, 91.422, 35.552

53, 99.608, 38.675

52, 102.919,
40.001

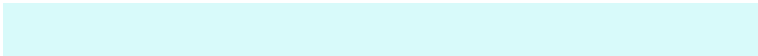
Harmonies

Complementary

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



89, 12.571, 20.276



96, 11.511, 198.735

Rectangle

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



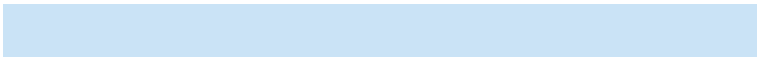
89, 12.571, 20.276



89, 12.571, 70.276



89, 12.571, 200.276



89, 12.571, 250.276

Sweetspot

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



89, 12.569, 20.286



97, 3.616, 19.476



90, 21.362, 325.180



51, 2.578, 19.553



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

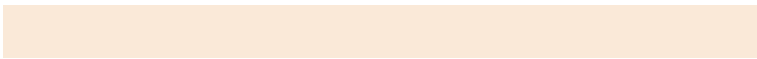
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 12.569, 20.286



89, 15.172, 20.492



93, 10.757, 73.702



49, 5.167, 19.951



39, 83.390, 40.001



9, 32.193, 26.145

Inverse Universe

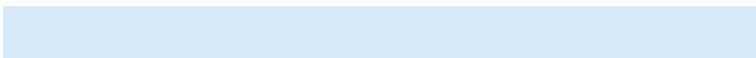
The Inverse Universe completely reimagines the original color for something new.



96, 11.511, 198.735



97, 13.666, 198.604



91, 10.393, 257.314



51, 4.864, 198.974



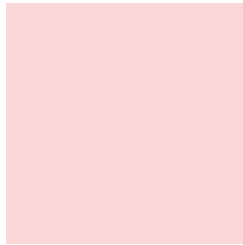
69, 39.957, 196.404



23, 18.078, 196.402

Previews

White Background



This preview shows how the CIELCh color 89, 12.571, 20.276 looks on a white background.

Color Contrast Check

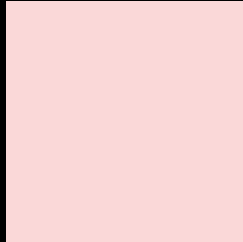
Large Text (above 18pt) WCAG AA × Fail

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, 12.571, 20.276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

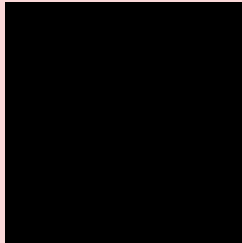
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

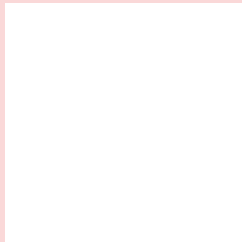
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 12.571, 20.276

Background



This preview shows how black text looks on a background with the CIELCh color 89, 12.571, 20.276.

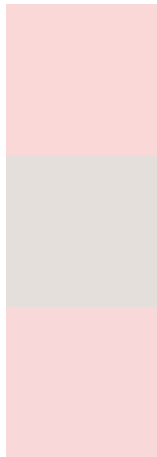


This preview shows how white text looks on a background with the CIELCh color 89, 12.571, 20.276.

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, 12.571, 20.276

Protanopia

89, 2.655, 55.182

Deuteranopia

89, 11.816, 20.218



Tritanopia
89, 16.641, 348.657

Trichromacy



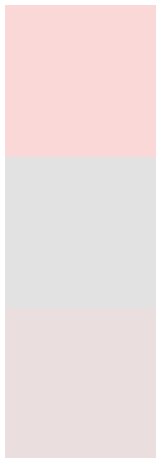
Original Color
89, 12.571, 20.276

Protanomaly
89, 6.290, 29.227

Deuteranomaly
89, 12.193, 20.247

Tritanomaly
89, 14.639, 357.580

Monochromacy



Original Color
89, 12.571, 20.276

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 4.709, 19.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 12.571, 20.276 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(250, 216, 216)` looks like.

```
.text, #text, p{  
    color:rgb(250, 216, 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(250, 216, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 216, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 12.571, 20.276 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(250, 216, 216) }
```

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

```
.border{ border-color:rgb(250, 216, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 216, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 216, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 216, 216);  
box-shadow:4px 4px 4px 4px rgb(250, 216,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 12.571, 20.276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 216, 216) }
```

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

```
.background{ background-color: rgb(250,  
216, 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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