

Converting Colors

CIELCh(89, 11.979, 19.661)

Have a look what the booklet for
CIELCh(89, 11.979, 19.661) contains.

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Color

CIELCh(89, 12.193, 20.247)

Conversions

Conversions Part 1

Format	Color
Hex	F9D8D8
RGB	249, 216, 216
RGB Percent	98%, 85%, 85%
CMY	0.0238, 0.1532, 0.1532
CMYK	0.00, 0.13, 0.13, 0.02
HSL	0°, 73%, 91%
HSV	0°, 13%, 98%
XYZ	75.9722, 74.1641, 75.2361
YIQ	225.8670, 19.6680, 6.9960

Conversions

Conversions Part 2

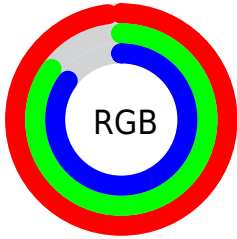
Format	Color
R _Y B	249, 216, 216
Decimal	16373976
CIE Lab	89.00, 11.44, 4.22
CIE LCh	89, 12.193, 20.247
Yxy	74.1641, 0.3371, 0.3291
Android (android.graphics.Color)	4294564056 (0xFFFF9D8D8)
YUV	225.8670, -4.8644, 20.2876
Hunter-Lab	86.1186, 6.7618, 8.4853

Details

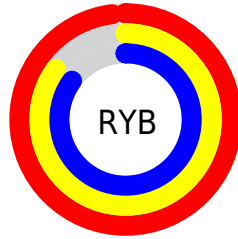
The CIELCh color **89, 12.193, 20.247** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 11.192, 198.756**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 12.155, 20.472** is the 20% darker color. If you saturate the color by 10%, you get **82, 22.249, 21.185**, and if you desaturate by 10%, it is **96, 2.878, 19.388**.

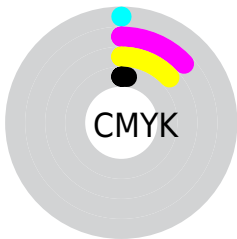
Distribution



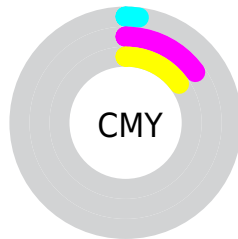
- Red (98%)
- Green (85%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (13%)
- Yellow (13%)
- Black (2%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 12.193, 20.247 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, 12.193, 20.247 by changing the saturation by 10% instead.

 89, 12.193, 20.247

 89, 12.193, 20.247

 100, 12.193,
20.247

 79, 12.193, 20.247

 69, 12.193, 20.247

 59, 12.193, 20.247

 49, 12.193, 20.247

 39, 12.193, 20.247

 29, 12.193, 20.247

 19, 12.193, 20.247

 9, 12.193, 20.247

 0, 12.193, 20.247

89, 12.193, 20.247

89, 12.193, 20.247

82, 22.249, 21.185

96, 2.878, 19.388

76, 33.040, 22.375

100, 2.102,
199.587

70, 44.475, 23.931

65, 56.363, 25.965

60, 68.389, 28.583

57, 80.111, 31.812

54, 90.849, 35.419

52, 99.152, 38.584

52, 102.685,
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, 12.193, 20.247



96, 11.192, 198.756

Rectangle

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



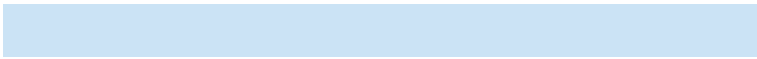
89, 12.193, 20.247



89, 12.193, 70.247



89, 12.193, 200.247



89, 12.193, 250.247

Sweetspot

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



89, 12.191, 20.258



97, 3.616, 19.477



90, 20.746, 325.160



51, 2.578, 19.554



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

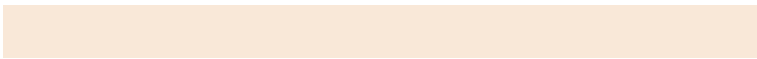
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 12.191, 20.258



89, 15.171, 20.494



93, 10.439, 73.746



49, 5.166, 19.952



39, 83.390, 40.002



9, 32.193, 26.146

Inverse Universe

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



96, 11.192, 198.756



97, 13.666, 198.606



91, 10.097, 257.260



51, 4.864, 198.975



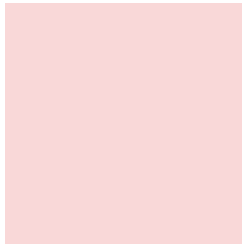
69, 39.956, 196.407



23, 18.078, 196.404

Previews

White Background



This preview shows how the CIELCh color 89, 12.193, 20.247 looks on a white background.

Color Contrast Check

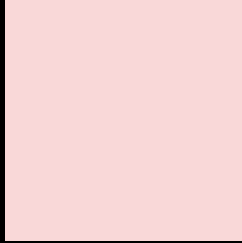
Large Text (above 18pt) WCAG AA × Fail

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, 12.193, 20.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

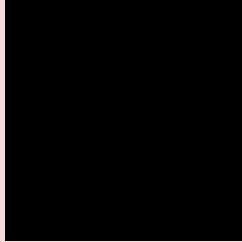
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

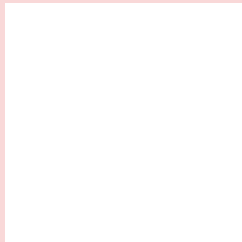
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 12.193, 20.247

Background



This preview shows how black text looks on a background with the CIELCh color 89, 12.193, 20.247.

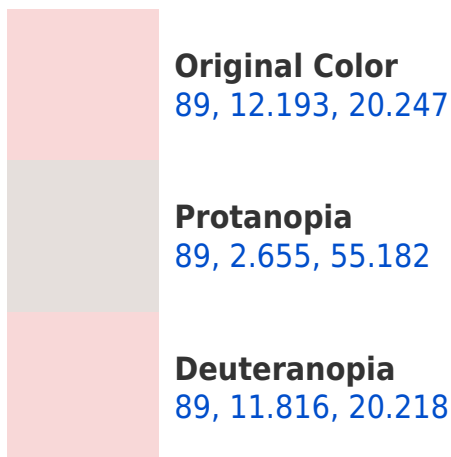


This preview shows how white text looks on a background with the CIELCh color 89, 12.193, 20.247.

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





Tritanopia
89, 15.751, 348.789

Trichromacy



Original Color
89, 12.193, 20.247

Protanomaly
89, 5.849, 24.800

Deuteranomaly
89, 11.816, 20.218

Tritanomaly
89, 13.764, 358.309

Monochromacy



Original Color
89, 12.193, 20.247

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 4.343, 19.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 12.193, 20.247 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(249, 216, 216)` looks like.

```
.text, #text, p{  
    color:rgb(249, 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(249, 216, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 216, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 12.193, 20.247 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(249, 216, 216) }
```

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

```
.border{ border-color:rgb(249, 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(249, 216, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 216, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 216, 216);  
box-shadow:4px 4px 4px 4px rgb(249, 216,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 12.193, 20.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 216, 216) }
```

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

```
.background{ background-color: rgb(249,  
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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