

Converting Colors

CIELCh(89, 10.982, 20.153)

Have a look what the booklet for
CIELCh(89, 10.982, 20.153) contains.

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Color

CIELCh(89, 11.053, 20.155)

Conversions

Conversions Part 1

Format	Color
Hex	F7D9D9
RGB	247, 217, 217
RGB Percent	97%, 85%, 85%
CMY	0.0327, 0.1503, 0.1503
CMYK	0.00, 0.12, 0.12, 0.03
HSL	0°, 64%, 91%
HSV	0°, 12%, 97%
XYZ	75.4511, 74.1641, 75.7622
YIQ	225.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

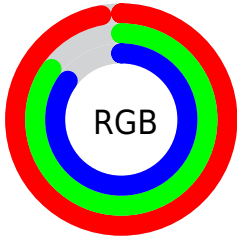
Format	Color
R _Y B	247, 217, 217
Decimal	16243161
CIE Lab	89.00, 10.38, 3.81
CIE LCh	89, 11.053, 20.155
Yxy	74.1641, 0.3348, 0.3291
Android (android.graphics.Color)	4294433241 (0xFFF7D9D9)
YUV	225.9700, -4.4222, 18.4433
Hunter-Lab	86.1186, 5.6816, 8.1231

Details

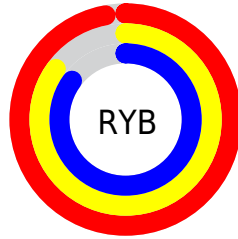
The CIELCh color **89, 11.053, 20.155** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 10.221, 198.818**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 10.939, 20.352** is the 20% darker color. If you saturate the color by 10%, you get **83, 20.952, 21.071**, and if you desaturate by 10%, it is **96, 1.886, 19.205**.

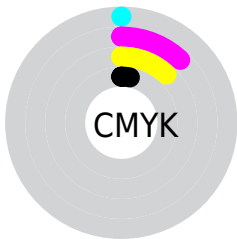
Distribution



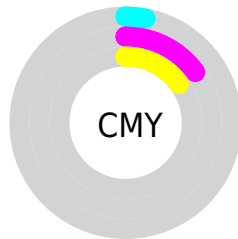
- Red (97%)
- Green (85%)
- Blue (85%)



- Red (97%)
- Yellow (85%)
- Blue (85%)



- Cyan (0%)
- Magenta (12%)
- Yellow (12%)
- Black (3%)



- Cyan (3%)
- Magenta (15%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 11.053, 20.155 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, 11.053, 20.155 by changing the saturation by 10% instead.

 89, 11.053, 20.155

 89, 11.053, 20.155

 100, 11.053,
20.155

 79, 11.053, 20.155

 69, 11.053, 20.155

 59, 11.053, 20.155

 49, 11.053, 20.155

 39, 11.053, 20.155

 29, 11.053, 20.155

 19, 11.053, 20.155

 9, 11.053, 20.155

 0, 11.053, 20.155

89, 11.053, 20.155

89, 11.053, 20.155

83, 20.952, 21.071

96, 1.886, 19.205

76, 31.585, 22.227

99, 2.885, 199.452

70, 42.872, 23.735

65, 54.635, 25.709

60, 66.576, 28.256

56, 78.272, 31.419

54, 89.092, 35.009

52, 97.725, 38.289

52, 101.974,
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, 11.053, 20.155



95, 10.221, 198.818

Rectangle

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



89, 11.053, 20.155



89, 11.053, 70.155



89, 11.053, 200.155



89, 11.053, 250.155

Sweetspot

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



89, 11.051, 20.167



97, 3.616, 19.477



90, 18.880, 325.097



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, 11.051, 20.167



90, 14.167, 20.407



93, 9.480, 73.879



48, 5.079, 19.951



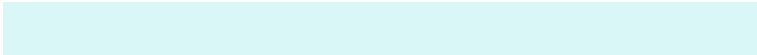
39, 82.549, 40.001



8, 31.022, 25.014

Inverse Universe

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



95, 10.221, 198.818



97, 12.850, 198.659



91, 9.198, 257.099



50, 4.782, 198.977



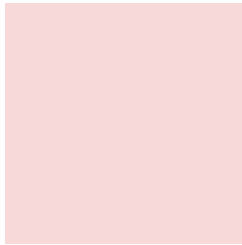
69, 39.553, 196.407



22, 17.586, 196.404

Previews

White Background



This preview shows how the CIELCh color 89, 11.053, 20.155 looks on a white background.

Color Contrast Check

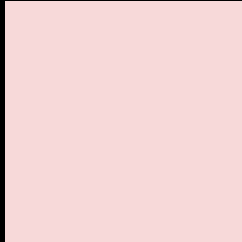
Large Text (above 18pt) WCAG AA × Fail

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, 11.053, 20.155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

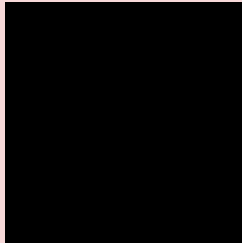
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

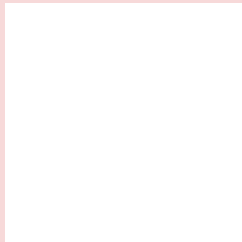
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 11.053, 20.155

Background



This preview shows how black text looks on a background with the CIELCh color 89, 11.053, 20.155.

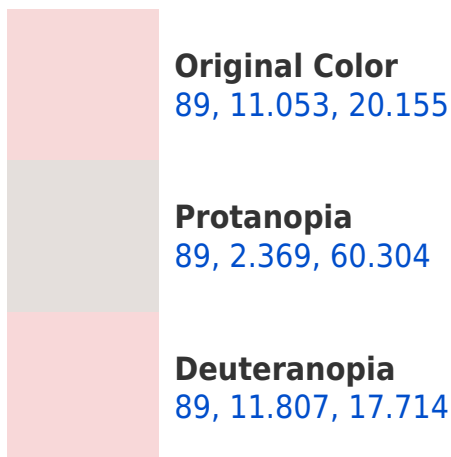


This preview shows how white text looks on a background with the CIELCh color 89, 11.053, 20.155.

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, 15.416, 345.627

Trichromacy



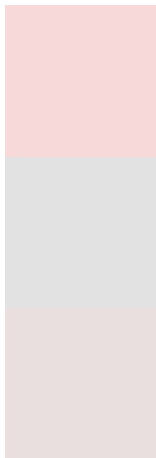
Original Color
89, 11.053, 20.155

Protanomaly
89, 5.194, 31.154

Deuteranomaly
89, 11.807, 17.714

Tritanomaly
89, 13.283, 354.949

Monochromacy



Original Color
89, 11.053, 20.155

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 3.975, 19.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 11.053, 20.155 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(247, 217, 217)` looks like.

```
.text, #text, p{  
    color:rgb(247, 217, 217)  
}
```

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(247, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 217, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 11.053, 20.155 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(247, 217, 217) }
```

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

```
.border{ border-color:rgb(247, 217, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 217, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(247, 217,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 11.053, 20.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 217, 217) }
```

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

```
.background{ background-color: rgb(247,  
217, 217) }
```

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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