

Converting Colors

CIELCh(89, 10.197, 53.909)

Have a look what the booklet for
CIELCh(89, 10.197, 53.909) contains.

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Color

CIELCh(89, 10.307, 53.380)

Conversions

Conversions Part 1

Format	Color
Hex	F2DBD0
RGB	242, 219, 208
RGB Percent	95%, 86%, 82%
CMY	0.0506, 0.1408, 0.1839
CMYK	0.00, 0.09, 0.14, 0.05
HSL	19°, 57%, 88%
HSV	19°, 14%, 95%
XYZ	73.4027, 74.1641, 70.1802
YIQ	224.6230, 17.2390, 1.4550

Conversions

Conversions Part 2

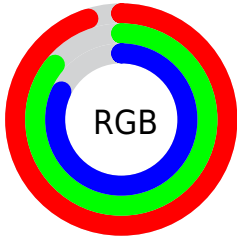
Format	Color
R _Y B	242, 224, 208
Decimal	15915984
CIE Lab	89.00, 6.15, 8.27
CIE LCh	89, 10.307, 53.380
Yxy	74.1641, 0.3371, 0.3406
Android (android.graphics.Color)	4294106064 (0xFFFF2DBD0)
YUV	224.6230, -8.1951, 15.2396
Hunter-Lab	86.1186, 1.4360, 11.9661

Details

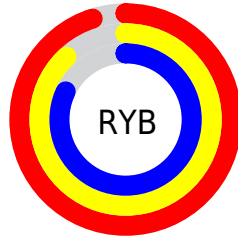
The CIELCh color **89, 10.307, 53.380** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 9.566, 235.826**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **69, 10.315, 51.896** is the 20% darker color. If you saturate the color by 10%, you get **84, 18.317, 52.735**, and if you desaturate by 10%, it is **94, 2.860, 53.990**.

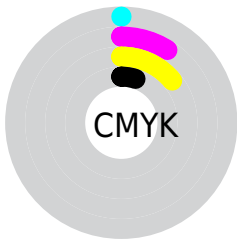
Distribution



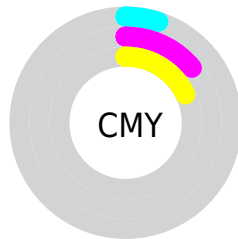
- Red (95%)
- Green (86%)
- Blue (82%)



- Red (95%)
- Yellow (88%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (14%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 10.307, 53.380 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, 10.307, 53.380 by changing the saturation by 10% instead.

 89, 10.307, 53.380

 89, 10.307, 53.380

 100, 10.307,
53.380

 79, 10.307, 53.380

 69, 10.307, 53.380

 59, 10.307, 53.380

 49, 10.307, 53.380

 39, 10.307, 53.380

 29, 10.307, 53.380

 19, 10.307, 53.380

 9, 10.307, 53.380

 0, 10.307, 53.380

89, 10.307, 53.380

89, 10.307, 53.380

84, 18.317, 52.735

94, 2.860, 53.990

80, 26.941, 52.132

98, 3.704, 225.143

76, 36.209, 51.617

99, 4.450, 199.272

72, 46.109, 51.202

68, 56.548, 50.877

64, 67.254, 50.574

61, 77.587, 50.093

58, 86.252, 48.987

56, 90.309, 48.025

Harmonies

Complementary

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



89, 10.307, 53.380



90, 9.566, 235.826

Rectangle

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



89, 10.307, 53.380



89, 10.307, 103.380



89, 10.307, 233.380



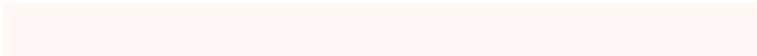
89, 10.307, 283.380

Sweetspot

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



89, 10.307, 53.396



98, 2.949, 53.991



87, 17.237, 335.940



52, 2.102, 53.966



0, 0.000, 0.000



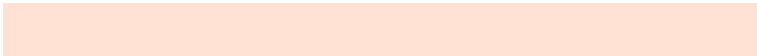
53, 0.007, 296.813

Same Dimension

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



89, 10.307, 53.396



92, 13.157, 53.194



93, 14.428, 99.784



48, 4.067, 53.700



43, 72.922, 48.629



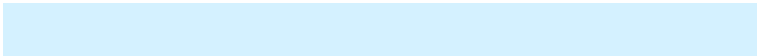
11, 24.540, 44.094

Inverse Universe

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



90, 9.566, 235.826



93, 11.999, 236.145



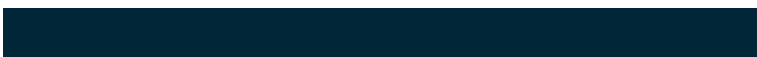
86, 14.684, 283.130



48, 3.875, 235.394



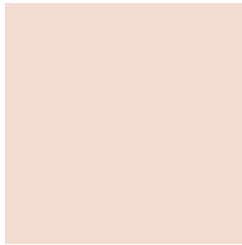
49, 39.787, 260.374



14, 16.177, 252.015

Previews

White Background



This preview shows how the CIELCh color 89, 10.307, 53.380 looks on a white background.

Color Contrast Check

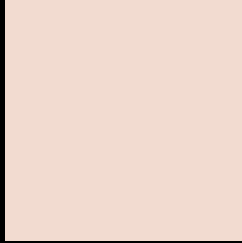
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 89, 10.307, 53.380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

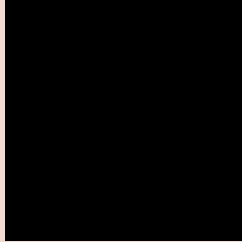
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

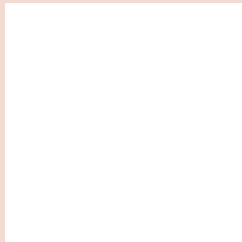
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 10.307, 53.380

Background



This preview shows how black text looks on a background with the CIELCh color 89, 10.307, 53.380.

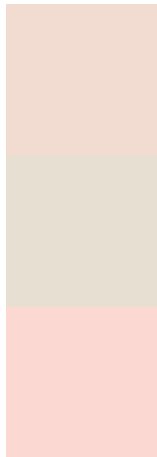


This preview shows how white text looks on a background with the CIELCh color 89, 10.307, 53.380.

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, 10.307, 53.380

Protanopia

89, 7.343, 85.936

Deuteranopia

89, 13.616, 35.652



Tritanopia
89, 13.965, 341.172

Trichromacy



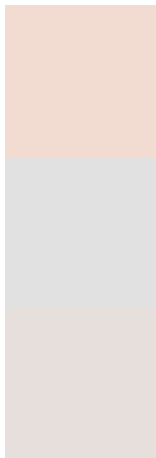
Original Color
89, 10.307, 53.380

Protanomaly
89, 8.272, 74.014

Deuteranomaly
89, 12.321, 39.732

Tritanomaly
89, 10.831, 0.585

Monochromacy



Original Color
89, 10.307, 53.380

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 3.551, 55.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 10.307, 53.380 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(242, 219, 208)` looks like.

```
.text, #text, p{  
    color:rgb(242, 219, 208)  
}
```

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(242, 219, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 219, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 10.307, 53.380 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(242, 219, 208) }
```

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

```
.border{ border-color:rgb(242, 219, 208) }
```

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

Here you see how a box with a 4 pixel rgb(242, 219, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 219, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 219, 208);  
box-shadow:4px 4px 4px 4px rgb(242, 219,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 10.307, 53.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 219, 208) }
```

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

```
.background{ background-color: rgb(242,  
219, 208) }
```

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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