

Converting Colors

CIELCh(89, 12.696, 62.185)

Have a look what the booklet for
CIELCh(89, 12.696, 62.185) contains.

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Color

CIELCh(89, 12.936, 62.652)

Conversions

Conversions Part 1

Format	Color
Hex	F4DBCA
RGB	244, 219, 202
RGB Percent	96%, 86%, 79%
CMY	0.0431, 0.1411, 0.2078
CMYK	0.00, 0.10, 0.17, 0.04
HSL	24°, 66%, 87%
HSV	24°, 17%, 96%
XYZ	73.3042, 74.1641, 66.3315
YIQ	224.5370, 20.3570, 0.0130

Conversions

Conversions Part 2

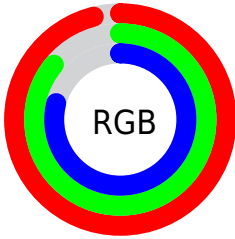
Format	Color
R _Y B	244, 231, 202
Decimal	16047050
CIE Lab	89.00, 5.94, 11.49
CIE LCh	89, 12.936, 62.652
Yxy	74.1641, 0.3429, 0.3469
Android (android.graphics.Color)	4294237130 (0xFFF4DBCA)
YUV	224.5370, -11.1107, 17.0691
Hunter-Lab	86.1186, 1.2317, 14.6158

Details

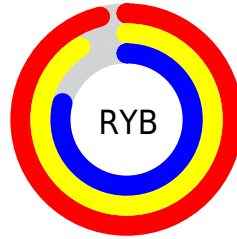
The CIELCh color `89, 12.936, 62.652` is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be `89, 12.034, 246.638`, and the grayscale version is `89, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `69, 12.776, 62.949` is the 20% darker color. If you saturate the color by 10%, you get `85, 21.117, 61.667`, and if you desaturate by 10%, it is `93, 5.252, 63.639`.

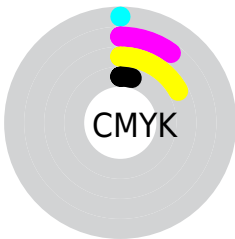
Distribution



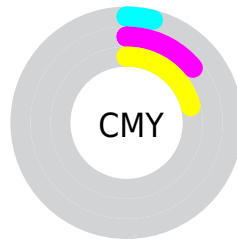
- Red (96%)
- Green (86%)
- Blue (79%)



- Red (96%)
- Yellow (91%)
- Blue (79%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (4%)



- Cyan (4%)
- Magenta (14%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 12.936, 62.652 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, 12.936, 62.652 by changing the saturation by 10% instead.

 89, 12.936, 62.652

 89, 12.936, 62.652

 100, 12.936,
62.652

 79, 12.936, 62.652

 69, 12.936, 62.652

 59, 12.936, 62.652

 49, 12.936, 62.652

 39, 12.936, 62.652

 29, 12.936, 62.652

 19, 12.936, 62.652

 9, 12.936, 62.652

 0, 12.936, 62.652

89, 12.936, 62.652

89, 12.936, 62.652

85, 21.117, 61.667

93, 5.252, 63.639

81, 29.829, 60.694

97, 1.980, 245.033

77, 39.084, 59.757

99, 3.797, 199.339

73, 48.836, 58.854

70, 58.927, 57.949

67, 68.971, 56.936

63, 78.143, 55.565

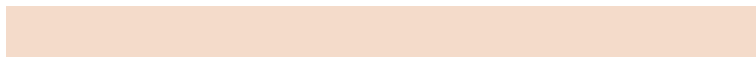
61, 85.122, 53.405

60, 86.823, 52.776

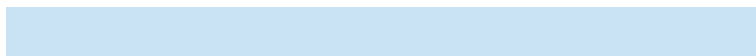
Harmonies

Complementary

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



89, 12.936, 62.652



89, 12.034, 246.638

Rectangle

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



89, 12.936, 62.652



89, 12.936, 112.652



89, 12.936, 242.652



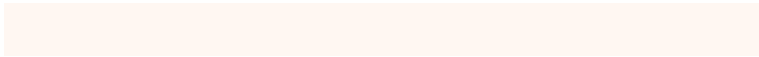
89, 12.936, 292.652

Sweetspot

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



89, 12.936, 62.665



98, 3.746, 63.824



86, 20.102, 339.965



52, 2.562, 63.768



0, 0.000, 0.000



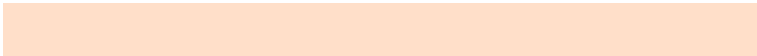
53, 0.007, 296.813

Same Dimension

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



89, 12.936, 62.665



91, 16.557, 62.281



94, 19.381, 103.977



49, 4.180, 63.427



46, 70.478, 53.441



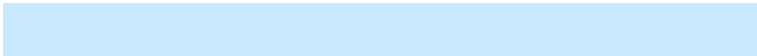
13, 24.999, 51.936

Inverse Universe

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



89, 12.034, 246.638



91, 15.126, 247.207



84, 19.990, 287.859



49, 4.027, 245.636



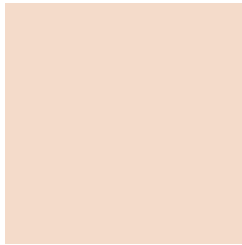
45, 46.992, 273.043



13, 18.805, 265.093

Previews

White Background



This preview shows how the CIELCh color 89, 12.936, 62.652 looks on a white background.

Color Contrast Check

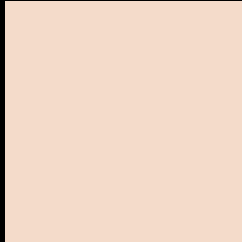
Large Text (above 18pt) WCAG AA × Fail

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, 12.936, 62.652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

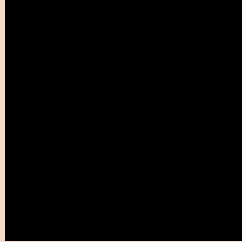
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 12.936, 62.652

Background



This preview shows how black text looks on a background with the CIELCh color 89, 12.936, 62.652.

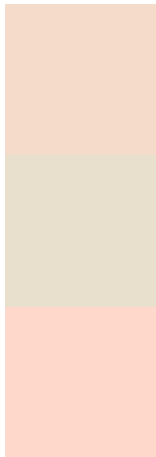


This preview shows how white text looks on a background with the CIELCh color 89, 12.936, 62.652.

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, 12.936, 62.652

Protanopia

89, 10.396, 90.539

Deuteranopia

89, 15.598, 45.730



Tritanopia
89, 14.526, 345.603

Trichromacy



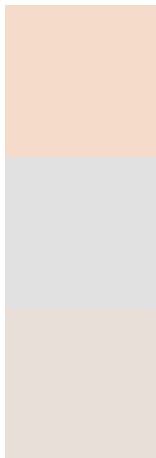
Original Color
89, 12.936, 62.652

Protanomaly
89, 11.155, 81.332

Deuteranomaly
89, 14.476, 50.087

Tritanomaly
89, 11.551, 9.894

Monochromacy



Original Color
89, 12.936, 62.652

Achromatopsia
90, 0.011, 296.813

Achromatomaly
89, 4.502, 63.127

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 12.936, 62.652 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(244, 219, 202)` looks like.

```
.text, #text, p{  
    color:rgb(244, 219, 202)  
}
```

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(244, 219, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 219, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 12.936, 62.652 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(244, 219, 202) }
```

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

```
.border{ border-color:rgb(244, 219, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 219, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 219, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 219, 202);  
box-shadow:4px 4px 4px 4px rgb(244, 219,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 12.936, 62.652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 219, 202) }
```

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

```
.background{ background-color: rgb(244,  
219, 202) }
```

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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