

Converting Colors

CIELCh(91, 45.513, 78.296)

Have a look what the booklet for
CIELCh(91, 45.513, 78.296) contains.

CIELCh(89, 42.103, 87.528)	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, 42.103, 87.528)

Conversions

Conversions Part 1

Format	Color
Hex	FEDC8F
RGB	254, 220, 143
RGB Percent	100%, 86%, 56%
CMY	0.0045, 0.1376, 0.4393
CMYK	0.00, 0.13, 0.44, 0.00
HSL	42°, 98%, 78%
HSV	42°, 44%, 100%
XYZ	71.3427, 74.1641, 36.5291
YIQ	221.3880, 44.9810, -16.7390

Conversions

Conversions Part 2

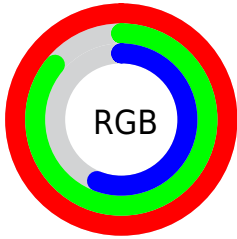
Format	Color
R _Y B	192, 254, 143
Decimal	16702607
CIE Lab	89.00, 1.82, 42.06
CIE LCh	89, 42.103, 87.528
Yxy	74.1641, 0.3919, 0.4074
Android (android.graphics.Color)	4294892687 (0xFFFE8C8F)
YUV	221.3880, -38.6453, 28.6007
Hunter-Lab	86.1186, -2.8339, 35.1338

Details

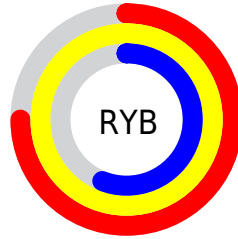
The CIELCh color **89, 42.103, 87.528** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72, 42.492, 280.811**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 28.732, 107.994**, and **69, 42.103, 87.668** is the 20% darker color. If you saturate the color by 10%, you get **87, 51.843, 86.116**, and if you desaturate by 10%, it is **91, 32.280, 88.906**.

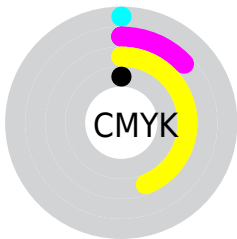
Distribution



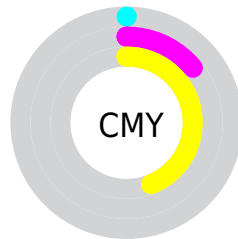
- Red (100%)
- Green (86%)
- Blue (56%)



- Red (75%)
- Yellow (100%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (14%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 42.103, 87.528 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, 42.103, 87.528 by changing the saturation by 10% instead.

89, 42.103, 87.528

89, 42.103, 87.528

100, 42.103,
87.528

79, 42.103, 87.528

69, 42.103, 87.528

59, 42.103, 87.528

49, 42.103, 87.528

39, 42.103, 87.528

29, 42.103, 87.528

19, 42.103, 87.528

9, 42.103, 87.528

0, 42.103, 87.528

89, 42.103, 87.528

89, 42.103, 87.528

87, 51.843, 86.116

91, 32.280, 88.906

85, 61.222, 84.640

94, 22.518, 90.239

82, 69.751, 83.063

96, 12.890, 91.526

80, 76.653, 81.296

99, 3.427, 92.721

79, 80.983, 79.187

100, 0.400,
201.035

77, 82.412, 77.654

Harmonies

Complementary

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



89, 42.103, 87.528



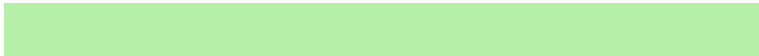
72, 42.492, 280.811

Rectangle

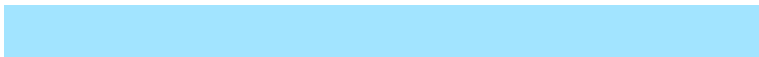
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 42.103, 87.528



89, 42.103, 137.528



89, 42.103, 267.528



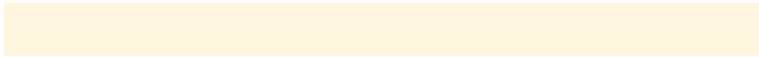
89, 42.103, 317.528

Sweetspot

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



89, 42.104, 87.532



97, 12.288, 91.611



72, 45.753, 0.336



51, 8.617, 91.333



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, 42.104, 87.532



87, 50.409, 86.355



96, 55.529, 114.283



52, 5.355, 92.045



60, 66.653, 78.149



20, 28.486, 80.875

Inverse Universe

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



72, 42.492, 280.811



68, 51.252, 282.927



65, 61.873, 301.542



50, 5.369, 274.513



31, 82.379, 298.137



8, 33.065, 293.219

Previews

White Background



This preview shows how the CIELCh color 89, 42.103, 87.528 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, 42.103, 87.528 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, 42.103, 87.528

Background



This preview shows how black text looks on a background with the CIELCh color 89, 42.103, 87.528.



This preview shows how white text looks on a background with the CIELCh color 89, 42.103, 87.528.

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, 42.137, 87.506

Protanopia

89, 41.722, 96.065

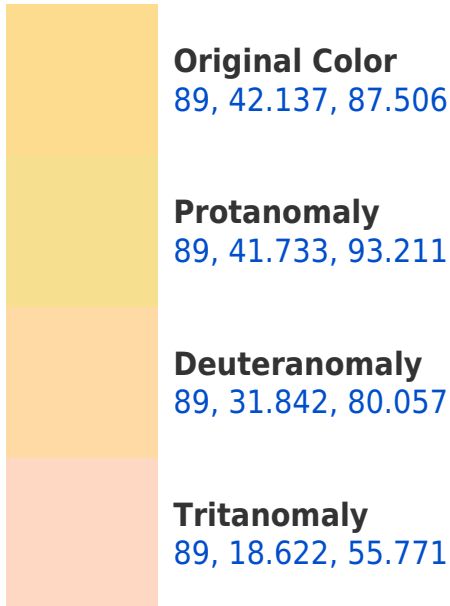
Deuteranopia

89, 26.204, 73.477



Tritanopia
89, 16.538, 358.593

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 42.103, 87.528 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(254, 220, 143)` looks like.

```
.text, #text, p{  
    color:rgb(254, 220, 143)  
}
```

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(254, 220, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 220, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 42.103, 87.528 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(254, 220, 143) }
```

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

```
.border{ border-color:rgb(254, 220, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 220, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 220, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 220, 143);  
box-shadow:4px 4px 4px 4px rgb(254, 220,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 42.103, 87.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 220, 143) }
```

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

```
.background{ background-color: rgb(254,  
220, 143) }
```

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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