

Converting Colors

CIELCh(95, 43.812, 47.074)

Have a look what the booklet for
CIELCh(95, 43.812, 47.074) contains.

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Color

CIELCh(89, 24.633, 72.417)

Conversions

Conversions Part 1

Format	Color
Hex	FED9B3
RGB	254, 217, 179
RGB Percent	100%, 85%, 70%
CMY	0.0029, 0.1478, 0.2968
CMYK	0.00, 0.15, 0.29, 0.00
HSL	30°, 98%, 85%
HSV	30°, 29%, 100%
XYZ	74.0252, 74.1641, 53.2285
YIQ	223.7310, 34.2500, -3.9740

Conversions

Conversions Part 2

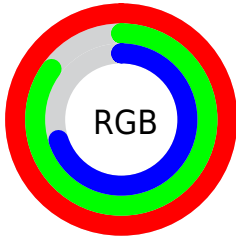
Format	Color
RYB	252, 254, 179
Decimal	16701875
CIELab	89.00, 7.44, 23.48
CIELCh	89, 24.633, 72.417
Yxy	74.1641, 0.3675, 0.3682
Android (android.graphics.Color)	4294891955 (0xFF FED9B3)
YUV	223.7310, -22.0524, 26.5459
Hunter-Lab	86.1186, 2.7263, 23.6368

Details

The CIELCh color **89, 24.633, 72.417** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 22.769, 260.839**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 10.124, 109.411**, and **69, 24.570, 72.454** is the 20% darker color. If you saturate the color by 10%, you get **86, 33.767, 71.136**, and if you desaturate by 10%, it is **93, 15.899, 73.695**.

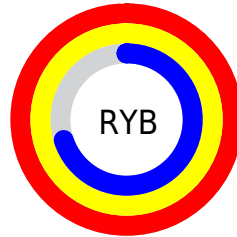
Distribution



Red (100%)

Green (85%)

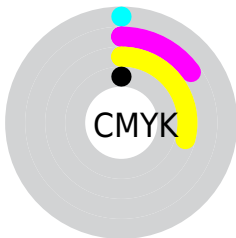
Blue (70%)



Red (99%)

Yellow (100%)

Blue (70%)

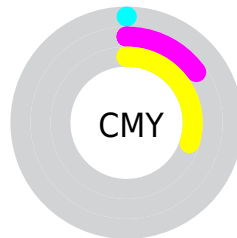


Cyan (0%)

Magenta (15%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 24.633, 72.417 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, 24.633, 72.417 by changing the saturation by 10% instead.

 89, 24.633, 72.417

 89, 24.633, 72.417

 100, 24.633,
72.417

 79, 24.633, 72.417

 69, 24.633, 72.417

 59, 24.633, 72.417

 49, 24.633, 72.417

 39, 24.633, 72.417

 29, 24.633, 72.417

 19, 24.633, 72.417

 9, 24.633, 72.417

 0, 24.633, 72.417

89, 24.633, 72.417

89, 24.633, 72.417

86, 33.767, 71.136

93, 15.899, 73.695

82, 43.270, 69.830

96, 7.557, 74.926

79, 53.033, 68.492

100, 0.233,
212.502

76, 62.796, 67.067

100, 0.257,
201.972

73, 72.011, 65.432

70, 79.699, 63.333

67, 84.902, 60.503

67, 85.156, 60.356

Harmonies

Complementary

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



89, 24.633, 72.417



85, 22.769, 260.839

Rectangle

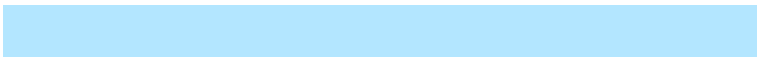
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 24.633, 72.417



89, 24.633, 122.417



89, 24.633, 252.417



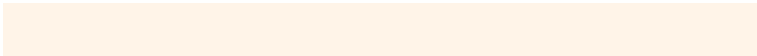
89, 24.633, 302.417

Sweetspot

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



89, 24.633, 72.424



97, 7.187, 74.982



81, 33.577, 346.418



51, 5.011, 74.809



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, 24.633, 72.424



87, 29.701, 71.714



98, 37.637, 107.301



51, 4.546, 74.922



51, 68.502, 61.058



16, 27.009, 62.509

Inverse Universe

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



85, 22.769, 260.839



83, 27.001, 262.010



76, 40.457, 293.838



51, 4.449, 257.468



41, 59.111, 284.850



12, 24.027, 278.349

Previews

White Background



This preview shows how the CIELCh color 89, 24.633, 72.417 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, 24.633, 72.417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

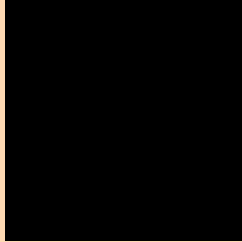
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 24.633, 72.417

Background



This preview shows how black text looks on a background with the CIELCh color 89, 24.633, 72.417.



This preview shows how white text looks on a background with the CIELCh color 89, 24.633, 72.417.

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, 24.658, 72.403

Protanopia

89, 21.907, 94.093

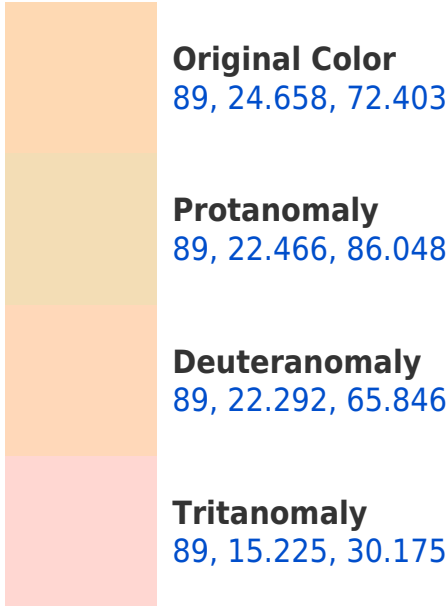
Deuteranopia

89, 21.123, 63.213



Tritanopia
89, 16.913, 355.303

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 24.633, 72.417 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, 217, 179)` looks like.

```
.text, #text, p{  
    color:rgb(254, 217, 179)  
}
```

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, 217, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 217, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 24.633, 72.417 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, 217, 179) }
```

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

```
.border{ border-color:rgb(254, 217, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 217, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 217, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 217, 179);  
box-shadow:4px 4px 4px 4px rgb(254, 217,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 24.633, 72.417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 217, 179) }
```

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

```
.background{ background-color: rgb(254,  
217, 179) }
```

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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