

Converting Colors

CIELCh(95, 48.019, 50.336)

Have a look what the booklet for
CIELCh(95, 48.019, 50.336) contains.

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Color

CIELCh(89, 28.424, 76.078)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9AB
RGB	255, 217, 171
RGB Percent	100%, 85%, 67%
CMY	0.0000, 0.1472, 0.3277
CMYK	0.00, 0.15, 0.33, 0.00
HSL	33°, 100%, 84%
HSV	33°, 33%, 100%
XYZ	73.7348, 74.1641, 49.1736
YIQ	223.1180, 37.4140, -6.2500

Conversions

Conversions Part 2

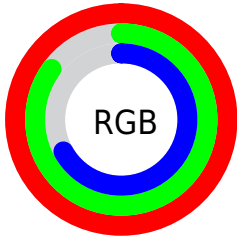
Format	Color
R _Y B	240, 255, 171
Decimal	16767403
CIE Lab	89.00, 6.84, 27.59
CIE LCh	89, 28.424, 76.078
Yxy	74.1641, 0.3742, 0.3763
Android (android.graphics.Color)	4294957483 (0xFFFFD9AB)
YUV	223.1180, -25.6942, 27.9605
Hunter-Lab	86.1186, 2.1242, 26.4285

Details

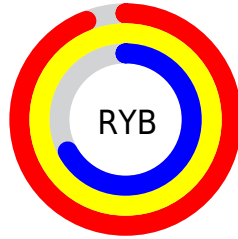
The CIELCh color **89, 28.424, 76.078** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 26.573, 266.135**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 14.168, 109.107**, and **69, 28.560, 76.092** is the 20% darker color. If you saturate the color by 10%, you get **86, 37.659, 75.038**, and if you desaturate by 10%, it is **92, 19.298, 77.742**.

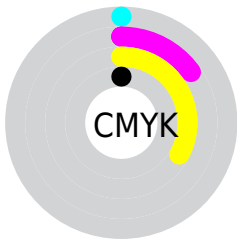
Distribution



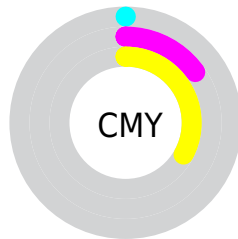
- Red (100%)
- Green (85%)
- Blue (67%)



- Red (94%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 28.424, 76.078 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, 28.424, 76.078 by changing the saturation by 10% instead.

 89, 28.424, 76.078

 89, 28.424, 76.078

 100, 28.424,
76.078

 79, 28.424, 76.078

 69, 28.424, 76.078

 59, 28.424, 76.078

 49, 28.424, 76.078

 39, 28.424, 76.078

 29, 28.424, 76.078

 19, 28.424, 76.078

 9, 28.424, 76.078

 0, 28.424, 76.078

89, 28.424, 76.078

89, 28.424, 76.078

86, 37.659, 75.038

92, 19.298, 77.742

83, 47.249, 73.636

96, 10.613, 79.040

80, 56.915, 72.173

99, 2.252, 80.183

77, 66.286, 70.581

100, 0.012,
296.813

74, 74.662, 68.713

71, 80.954, 66.298

70, 83.954, 64.146

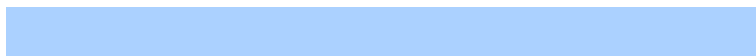
Harmonies

Complementary

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



89, 28.424, 76.078



83, 26.573, 266.135

Rectangle

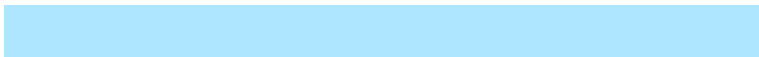
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 28.424, 76.078



89, 28.424, 126.078



89, 28.424, 256.078



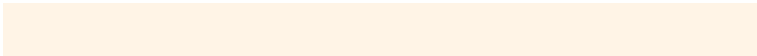
89, 28.424, 306.078

Sweetspot

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



89, 28.319, 76.405



97, 8.265, 79.388



79, 36.401, 349.769



51, 5.654, 79.212



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, 28.319, 76.405



87, 34.103, 75.557



98, 41.873, 109.206



51, 4.694, 79.449



53, 67.459, 64.833



17, 27.091, 66.926

Inverse Universe

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



83, 26.573, 266.135



79, 31.584, 267.543



73, 45.435, 295.951



50, 4.625, 262.036



39, 64.413, 288.764



11, 26.000, 282.626

Previews

White Background



This preview shows how the CIELCh color 89, 28.424, 76.078 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, 28.424, 76.078 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, 28.424, 76.078

Background



This preview shows how black text looks on a background with the CIELCh color 89, 28.424, 76.078.



This preview shows how white text looks on a background with the CIELCh color 89, 28.424, 76.078.

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, 28.424, 76.078

Protanopia

89, 26.013, 95.013

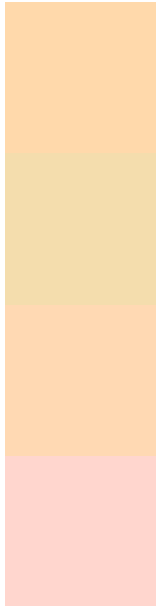
Deuteranopia

89, 22.691, 66.659



Tritanopia
89, 17.261, 355.873

Trichromacy



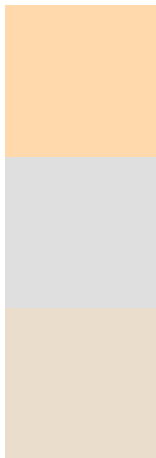
Original Color
89, 28.424, 76.078

Protanomaly
89, 26.498, 88.113

Deuteranomaly
89, 24.904, 71.676

Tritanomaly
89, 16.044, 35.343

Monochromacy



Original Color
89, 28.424, 76.078

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 10.249, 78.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 28.424, 76.078 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(255, 217, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 171)  
}
```

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(255, 217, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 28.424, 76.078 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(255, 217, 171) }
```

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

```
.border{ border-color:rgb(255, 217, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 28.424, 76.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 171) }
```

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

```
.background{ background-color: rgb(255,  
217, 171) }
```

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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