

Converting Colors

CIELCh(89, 25.954, 72.685)

Have a look what the booklet for
CIELCh(89, 25.954, 72.685) contains.

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Color

CIELCh(89, 25.768, 72.899)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9B1
RGB	255, 217, 177
RGB Percent	100%, 85%, 69%
CMY	0.0000, 0.1485, 0.3054
CMYK	0.00, 0.15, 0.31, 0.00
HSL	31°, 100%, 85%
HSV	31°, 31%, 100%
XYZ	74.0909, 74.1641, 52.0749
YIQ	223.8020, 35.4880, -4.3840

Conversions

Conversions Part 2

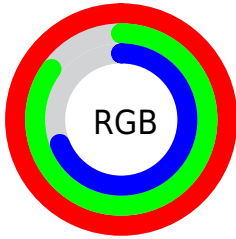
Format	Color
R _Y B	251, 255, 177
Decimal	16767409
CIE Lab	89.00, 7.58, 24.63
CIE LCh	89, 25.768, 72.899
Yxy	74.1641, 0.3698, 0.3702
Android (android.graphics.Color)	4294957489 (0xFFFFD9B1)
YUV	223.8020, -23.0734, 27.3606
Hunter-Lab	86.1186, 2.8623, 24.4311

Details

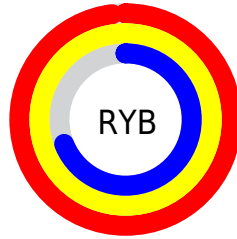
The CIELCh color **89, 25.768, 72.899** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 23.799, 261.820**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 11.136, 109.335**, and **69, 25.751, 72.912** is the 20% darker color. If you saturate the color by 10%, you get **86, 34.939, 71.705**, and if you desaturate by 10%, it is **93, 16.916, 74.294**.

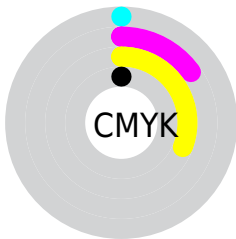
Distribution



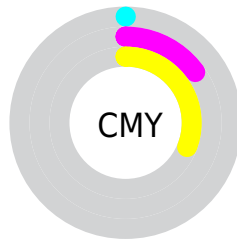
- Red (100%)
- Green (85%)
- Blue (69%)



- Red (98%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (31%)
- Black (0%)



- Cyan (0%)
- Magenta (15%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 25.768, 72.899 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, 25.768, 72.899 by changing the saturation by 10% instead.

 89, 25.768, 72.899

 89, 25.768, 72.899

 100, 25.768,
72.899

 79, 25.768, 72.899

 69, 25.768, 72.899

 59, 25.768, 72.899

 49, 25.768, 72.899

 39, 25.768, 72.899

 29, 25.768, 72.899

 19, 25.768, 72.899

 9, 25.768, 72.899

 0, 25.768, 72.899

89, 25.768, 72.899

89, 25.768, 72.899

86, 34.939, 71.705

93, 16.916, 74.294

82, 44.493, 70.380

96, 8.484, 75.541

79, 54.272, 69.016

100, 0.413, 75.801

76, 63.985, 67.554

100, 0.012,
296.813

73, 73.040, 65.860

70, 80.408, 63.668

68, 85.097, 60.939

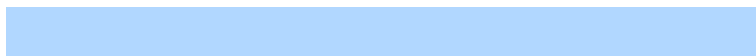
Harmonies

Complementary

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



89, 25.768, 72.899



85, 23.799, 261.820

Rectangle

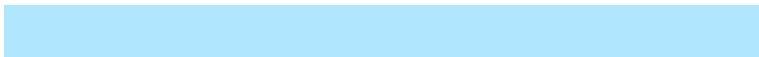
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 25.768, 72.899



89, 25.768, 122.899



89, 25.768, 252.899



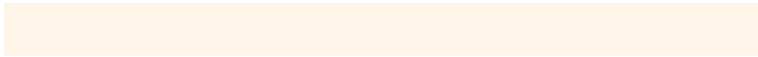
89, 25.768, 302.899

Sweetspot

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



89, 25.733, 73.009



97, 7.222, 75.726



81, 34.878, 346.538



51, 5.035, 75.551



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, 25.733, 73.009



87, 31.642, 72.168



98, 39.051, 107.198



51, 4.567, 75.666



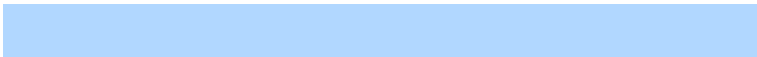
52, 68.314, 61.645



16, 27.011, 63.213

Inverse Universe

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



85, 23.799, 261.820



81, 28.726, 263.229



75, 42.108, 294.006



50, 4.476, 258.221



41, 59.942, 285.515



12, 24.334, 279.071

Previews

White Background



This preview shows how the CIE LCh color 89, 25.768, 72.899 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, 25.768, 72.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

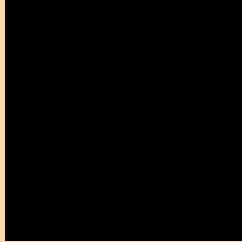
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 25.768, 72.899

Background



This preview shows how black text looks on a background with the CIELCh color 89, 25.768, 72.899.



This preview shows how white text looks on a background with the CIELCh color 89, 25.768, 72.899.

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, 25.768, 72.899

Protanopia

89, 22.910, 94.605

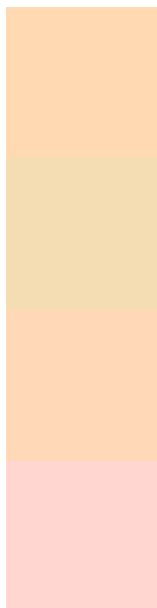
Deuteranopia

89, 21.507, 64.124



Tritanopia
89, 16.718, 356.929

Trichromacy



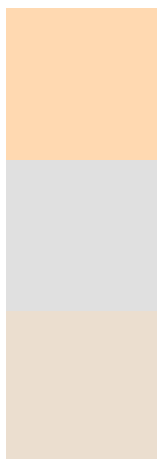
Original Color
89, 25.768, 72.899

Protanomaly
89, 23.586, 85.979

Deuteranomaly
89, 23.096, 67.442

Tritanomaly
89, 15.494, 33.882

Monochromacy



Original Color
89, 25.768, 72.899

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 9.147, 77.644

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 25.768, 72.899 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 25.768, 72.899 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, 177) }
```

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

```
.border{ border-color:rgb(255, 217, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 25.768, 72.899 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, 177) }
```

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

```
.background{ background-color: rgb(255,  
217, 177) }
```

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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