

# Converting Colors

CIELCh(89, 24.179, 73.901)

Have a look what the booklet for  
CIELCh(89, 24.179, 73.901) contains.

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# Color

**CIELCh(89, 24.155, 73.915)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDDAB4
RGB	253, 218, 180
RGB Percent	99%, 85%, 71%
CMY	0.0087, 0.1459, 0.2949
CMYK	0.00, 0.14, 0.29, 0.01
HSL	31°, 94%, 85%
HSV	31°, 29%, 99%
XYZ	73.6643, 74.1641, 53.5055
YIQ	224.1330, 33.0580, -4.3980

# Conversions

## Conversions Part 2

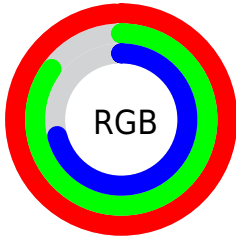
Format	Color
<a href="#">RYB</a>	247, 253, 180
Decimal	16636596
CIELab	89.00, 6.69, 23.21
CIElCh	89, 24.155, 73.915
Yxy	74.1641, 0.3659, 0.3684
Android (android.graphics.Color)	4294826676 (0xFFFDAB4)
YUV	224.1330, -21.7576, 25.3164
Hunter-Lab	86.1186, 1.9782, 23.4461

# Details

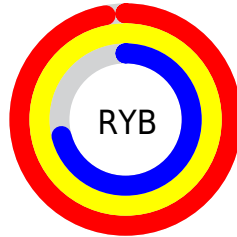
The CIELCh color **89, 24.155, 73.915** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 22.523, 262.211**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.618, 109.449**, and **69, 24.026, 74.089** is the 20% darker color. If you saturate the color by 10%, you get **86, 33.244, 72.610**, and if you desaturate by 10%, it is **92, 15.443, 75.212**.

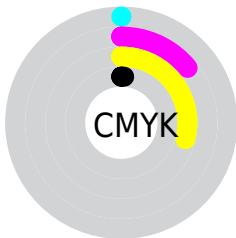
# Distribution



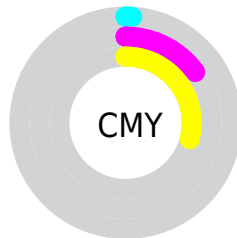
- Red (99%)
- Green (85%)
- Blue (71%)



- Red (97%)
- Yellow (99%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (29%)
- Black (1%)



- Cyan (1%)
- Magenta (15%)
- Yellow (29%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 24.155, 73.915 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, 24.155, 73.915 by changing the saturation by 10% instead.



 89, 24.155, 73.915

 89, 24.155, 73.915

 100, 24.155,  
73.915

 79, 24.155, 73.915

 69, 24.155, 73.915

 59, 24.155, 73.915

 49, 24.155, 73.915

 39, 24.155, 73.915

 29, 24.155, 73.915

 19, 24.155, 73.915

 9, 24.155, 73.915

 0, 24.155, 73.915

89, 24.155, 73.915

89, 24.155, 73.915

86, 33.244, 72.610

92, 15.443, 75.212

82, 42.677, 71.275

96, 7.100, 76.456

79, 52.345, 69.903

100, 0.645,  
242.772

76, 61.991, 68.445

100, 0.770,  
200.217

73, 71.087, 66.785

70, 78.686, 64.685

68, 83.779, 61.858

67, 84.298, 61.536

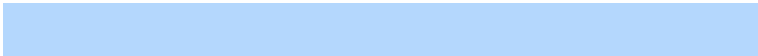
# Harmonies

# Complementary

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



89, 24.155, 73.915



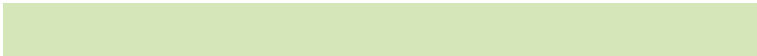
85, 22.523, 262.211

# Rectangle

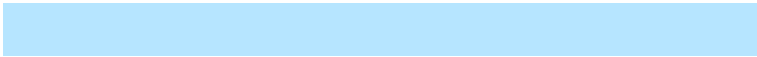
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 24.155, 73.915



89, 24.155, 123.915



89, 24.155, 253.915



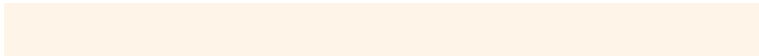
89, 24.155, 303.915

# Sweetspot

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



89, 24.155, 73.922



97, 7.257, 76.440



81, 32.404, 347.309



51, 5.059, 76.265



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, 24.155, 73.922



88, 29.894, 73.118



98, 36.713, 108.093



51, 4.589, 76.380



52, 68.138, 62.221



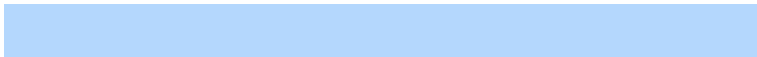
16, 27.017, 63.897



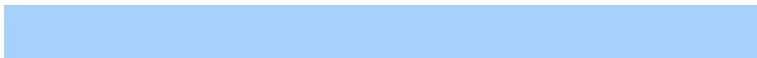


# Inverse Universe

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



85, 22.523, 262.211



82, 27.412, 263.508



76, 39.396, 294.289



50, 4.502, 258.944



40, 60.755, 286.146



11, 24.634, 279.757



# Previews

## White Background



This preview shows how the CIELCh color 89, 24.155, 73.915 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, 24.155, 73.915 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

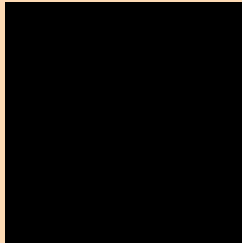
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 89, 24.155, 73.915

## Background



This preview shows how black text looks on a background with the CIELCh color 89, 24.155, 73.915.



This preview shows how white text looks on a background with the CIELCh color 89, 24.155, 73.915.

# 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, 24.155, 73.915

### Protanopia

89, 21.907, 94.093

### Deuteranopia

89, 21.123, 63.213



**Tritanopia**  
89, 17.464, 354.310



# Trichromacy



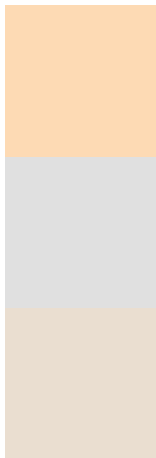
**Original Color**  
89, 24.155, 73.915

**Protanomaly**  
89, 22.466, 86.048

**Deuteranomaly**  
89, 22.128, 68.157

**Tritanomaly**  
89, 15.131, 28.278

# Monochromacy



**Original Color**  
89, 24.155, 73.915

**Achromatopsia**  
89, 0.011, 296.813

**Achromatomaly**  
89, 8.503, 78.023

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 89, 24.155, 73.915 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(253, 218, 180)` looks like.

```
.text, #text, p{  
    color:rgb(253, 218, 180)  
}
```

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(253, 218, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 218, 180) }
```

## Border

The CSS property to change the border of an element to CIELCh 89, 24.155, 73.915 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(253, 218, 180) }
```

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

```
.border{ border-color:rgb(253, 218, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 218, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 218, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 218, 180);  
box-shadow:4px 4px 4px 4px rgb(253, 218,  
180) }
```

# Background

The CSS property to change the background color of an element to CIELCh 89, 24.155, 73.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 218, 180) }
```

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

```
.background{ background-color: rgb(253,  
218, 180) }
```

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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