

Converting Colors

CIELCh(100, 60.559, 40.066)

Have a look what the booklet for
CIELCh(100, 60.559, 40.066)
contains.

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Color

CIELCh(89, 23.776, 71.108)

Conversions

Conversions Part 1

Format	Color
Hex	FED9B5
RGB	254, 217, 181
RGB Percent	100%, 85%, 71%
CMY	0.0033, 0.1483, 0.2894
CMYK	0.00, 0.15, 0.29, 0.00
HSL	30°, 98%, 85%
HSV	30°, 29%, 100%
XYZ	74.1494, 74.1641, 54.2351
YIQ	223.9590, 33.6080, -3.3520

Conversions

Conversions Part 2

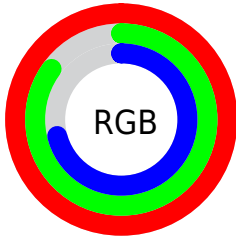
Format	Color
RYB	254, 252, 181
Decimal	16701877
CIELab	89.00, 7.70, 22.50
CIELCh	89, 23.776, 71.108
Yxy	74.1641, 0.3661, 0.3662
Android (android.graphics.Color)	4294891957 (0xFF FED9B5)
YUV	223.9590, -21.1788, 26.3460
Hunter-Lab	86.1186, 2.9836, 22.9438

Details

The CIELCh color **89, 23.776, 71.108** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 21.878, 259.184**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **69, 23.660, 71.122** is the 20% darker color. If you saturate the color by 10%, you get **85, 32.859, 69.857**, and if you desaturate by 10%, it is **93, 15.115, 72.360**.

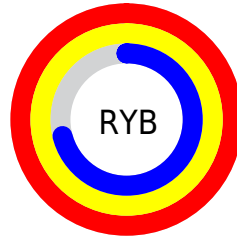
Distribution



Red (100%)

Green (85%)

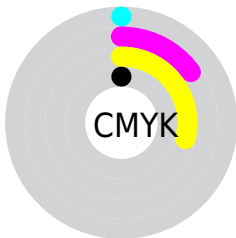
Blue (71%)



Red (100%)

Yellow (99%)

Blue (71%)

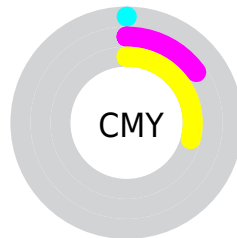


Cyan (0%)

Magenta (15%)

Yellow (29%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 23.776, 71.108 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, 23.776, 71.108 by changing the saturation by 10% instead.

 89, 23.776, 71.108

 89, 23.776, 71.108

 100, 23.776,
71.108

 79, 23.776, 71.108

 69, 23.776, 71.108

 59, 23.776, 71.108

 49, 23.776, 71.108

 39, 23.776, 71.108

 29, 23.776, 71.108

 19, 23.776, 71.108

 9, 23.776, 71.108

 0, 23.776, 71.108

89, 23.776, 71.108

89, 23.776, 71.108

85, 32.859, 69.857

93, 15.115, 72.360

82, 42.341, 68.588

96, 6.862, 73.565

79, 52.129, 67.294

100, 0.296,
201.628

75, 61.986, 65.926

72, 71.402, 64.366

69, 79.433, 62.365

67, 84.981, 59.604

66, 85.632, 59.242

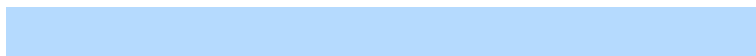
Harmonies

Complementary

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



89, 23.776, 71.108



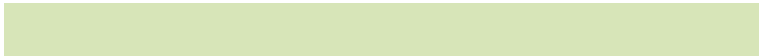
86, 21.878, 259.184

Rectangle

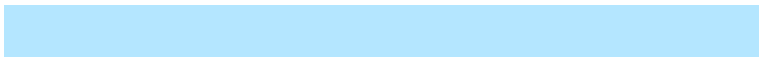
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 23.776, 71.108



89, 23.776, 121.108



89, 23.776, 251.108



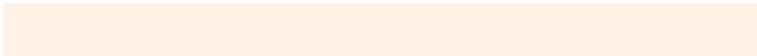
89, 23.776, 301.108

Sweetspot

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



89, 23.776, 71.116



97, 7.124, 73.530



81, 33.005, 345.392



51, 4.968, 73.360



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, 23.776, 71.116



87, 28.617, 70.449



98, 36.085, 106.666



51, 4.506, 73.471



51, 68.885, 59.945



16, 27.016, 61.159

Inverse Universe

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



86, 21.878, 259.184



83, 25.878, 260.286



76, 38.614, 293.086



51, 4.401, 255.993



42, 57.530, 283.522



12, 23.448, 276.915

Previews

White Background



This preview shows how the CIELCh color 89, 23.776, 71.108 looks on a white background.

Color Contrast Check

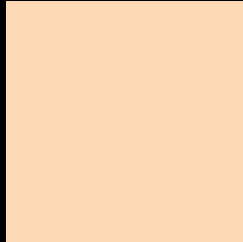
Large Text (above 18pt) WCAG AA × Fail

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, 23.776, 71.108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

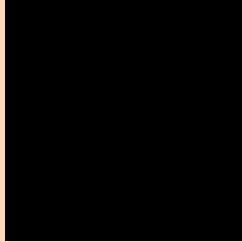
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 23.776, 71.108

Background



This preview shows how black text looks on a background with the CIELCh color 89, 23.776, 71.108.



This preview shows how white text looks on a background with the CIELCh color 89, 23.776, 71.108.

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, 23.800, 71.095

Protanopia

89, 20.905, 93.523

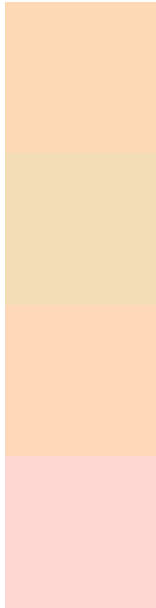
Deuteranopia

89, 21.123, 63.213



Tritanopia
89, 16.913, 355.303

Trichromacy



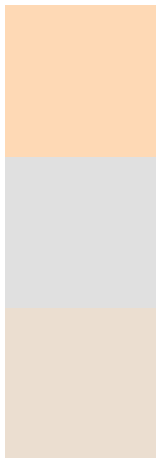
Original Color
89, 23.800, 71.095

Protanomaly
89, 21.504, 85.146

Deuteranomaly
89, 21.897, 65.002

Tritanomaly
89, 15.225, 30.175

Monochromacy



Original Color
89, 23.800, 71.095

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 8.705, 75.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 23.776, 71.108 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(254, 217, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 217, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 23.776, 71.108 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, 181) }
```

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

```
.border{ border-color:rgb(254, 217, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 217, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 217, 181);  
box-shadow:4px 4px 4px 4px rgb(254, 217,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 23.776, 71.108 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, 181) }
```

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

```
.background{ background-color: rgb(254,  
217, 181) }
```

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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