

Converting Colors

CIELCh(89, 50.265, 93.654)

Have a look what the booklet for
CIELCh(89, 50.265, 93.654) contains.

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Color

CIELCh(89, 50.552, 93.695)

Conversions

Conversions Part 1

Format	Color
Hex	F9DF7E
RGB	249, 223, 126
RGB Percent	98%, 87%, 49%
CMY	0.0250, 0.1268, 0.5071
CMYK	0.00, 0.10, 0.49, 0.02
HSL	47°, 91%, 73%
HSV	47°, 49%, 98%
XYZ	68.9795, 74.1641, 30.3093
YIQ	219.7160, 46.6330, -24.6550

Conversions

Conversions Part 2

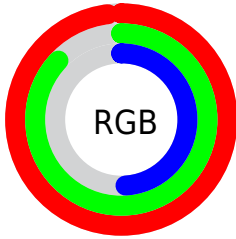
Format	Color
R _Y B	159, 249, 126
Decimal	16375678
CIE Lab	89.00, -3.26, 50.45
CIE LCh	89, 50.552, 93.695
Yxy	74.1641, 0.3977, 0.4276
Android (android.graphics.Color)	4294565758 (0xFFFF9DF7E)
YUV	219.7160, -46.2020, 25.6821
Hunter-Lab	86.1186, -7.7322, 39.4160

Details

The CIELCh color **89, 50.552, 93.695** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **65, 54.031, 288.140**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 37.646, 107.307**, and **69, 50.450, 93.811** is the 20% darker color. If you saturate the color by 10%, you get **87, 60.193, 92.412**, and if you desaturate by 10%, it is **91, 40.469, 94.967**.

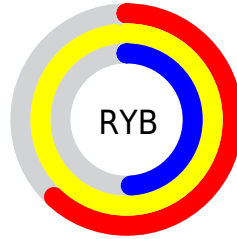
Distribution



Red (98%)

Green (87%)

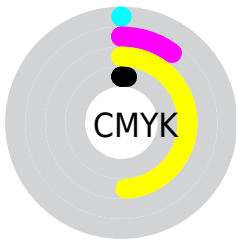
Blue (49%)



Red (62%)

Yellow (98%)

Blue (49%)

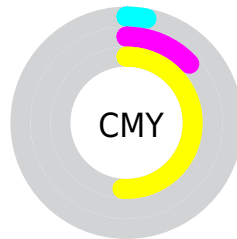


Cyan (0%)

Magenta (10%)

Yellow (49%)

Black (2%)



Cyan (3%)

Magenta (13%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 50.552, 93.695 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, 50.552, 93.695 by changing the saturation by 10% instead.

 89, 50.552, 93.695

 89, 50.552, 93.695

 100, 50.552,
93.695

 79, 50.552, 93.695

 69, 50.552, 93.695

 59, 50.552, 93.695

 49, 50.552, 93.695

 39, 50.552, 93.695

 29, 50.552, 93.695

 19, 50.552, 93.695

 9, 50.552, 93.695

 0, 50.552, 93.695

89, 50.552, 93.695

89, 50.552, 93.695

87, 60.193, 92.412

91, 40.469, 94.967

86, 68.957, 91.101

92, 30.199, 96.213

84, 76.187, 89.740

94, 19.888, 97.432

83, 81.063, 88.275

96, 9.619, 98.611

82, 83.201, 86.638

98, 0.566, 280.122

82, 83.290, 86.547

99, 1.961, 211.949

100, 2.206,
199.566

Harmonies

Complementary

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



89, 50.552, 93.695



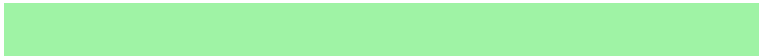
65, 54.031, 288.140

Rectangle

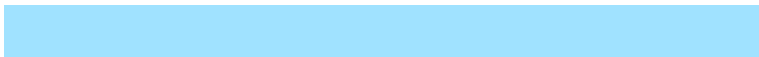
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89, 50.552, 93.695



89, 50.552, 143.695



89, 50.552, 273.695



89, 50.552, 323.695

Sweetspot

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



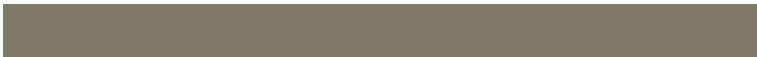
89, 50.553, 93.699



97, 15.625, 97.961



67, 50.112, 8.921



51, 10.670, 97.710



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, 50.553, 93.699



89, 61.002, 92.460



93, 62.266, 118.292



51, 5.809, 98.606



64, 67.802, 86.863



21, 29.089, 89.117

Inverse Universe

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



65, 54.031, 288.140



60, 66.880, 290.619



61, 69.713, 305.107



49, 5.871, 280.895



27, 92.298, 302.102



6, 35.639, 296.528

Previews

White Background



This preview shows how the CIELCh color 89, 50.552, 93.695 looks on a white background.

Color Contrast Check

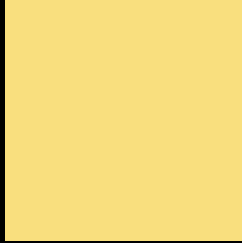
Large Text (above 18pt) WCAG AA × Fail

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, 50.552, 93.695 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, 50.552, 93.695

Background



This preview shows how black text looks on a background with the CIELCh color 89, 50.552, 93.695.

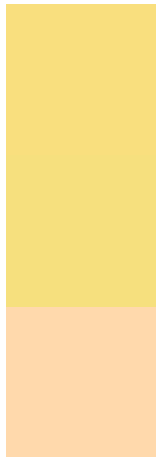


This preview shows how white text looks on a background with the CIELCh color 89, 50.552, 93.695.

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, 50.552, 93.695

Protanopia

89, 50.625, 95.623

Deuteranopia

89, 27.976, 75.594



Tritanopia
89, 17.464, 354.310

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 50.552, 93.695 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(249, 223, 126)` looks like.

```
.text, #text, p{  
    color:rgb(249, 223, 126)  
}
```

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(249, 223, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 223, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 50.552, 93.695 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(249, 223, 126) }
```

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

```
.border{ border-color:rgb(249, 223, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 223, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 223, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 223, 126);  
box-shadow:4px 4px 4px 4px rgb(249, 223,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 50.552, 93.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 223, 126) }
```

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

```
.background{ background-color: rgb(249,  
223, 126) }
```

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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