

Converting Colors

CIELCh(88, 52.768, 94.835)

Have a look what the booklet for
CIELCh(88, 52.768, 94.835) contains.

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Color

CIELCh(88, 52.333, 94.762)

Conversions

Conversions Part 1

Format	Color
Hex	F4DC77
RGB	244, 220, 119
RGB Percent	96%, 86%, 47%
CMY	0.0414, 0.1356, 0.5317
CMYK	0.00, 0.10, 0.51, 0.04
HSL	48°, 86%, 71%
HSV	48°, 51%, 96%
XYZ	66.5236, 72.0653, 27.9834
YIQ	215.6620, 46.7250, -26.3230

Conversions

Conversions Part 2

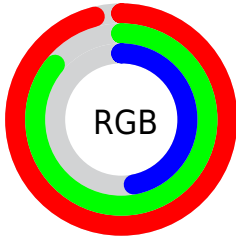
Format	Color
R _Y B	149, 244, 119
Decimal	16047223
CIE Lab	88.00, -4.34, 52.15
CIE LCh	88, 52.333, 94.762
Yxy	72.0653, 0.3994, 0.4326
Android (android.graphics.Color)	4294237303 (0xFFF4DC77)
YUV	215.6620, -47.6544, 24.8524
Hunter-Lab	84.8913, -8.6812, 39.8796

Details

The CIELCh color **88, 52.333, 94.762** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **62, 56.671, 289.579**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 41.073, 107.042**, and **68, 52.121, 94.836** is the 20% darker color. If you saturate the color by 10%, you get **87, 61.791, 93.518**, and if you desaturate by 10%, it is **90, 42.338, 96.003**.

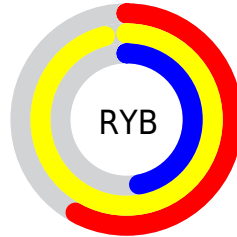
Distribution



Red (96%)

Green (86%)

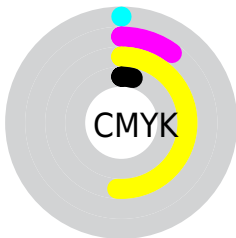
Blue (47%)



Red (58%)

Yellow (96%)

Blue (47%)

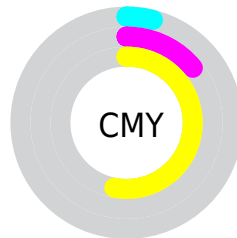


Cyan (0%)

Magenta (10%)

Yellow (51%)

Black (4%)



Cyan (4%)

Magenta (14%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 52.333, 94.762 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 88, 52.333, 94.762 by changing the saturation by 10% instead.

 88, 52.333, 94.762

 88, 52.333, 94.762

 100, 52.333,
94.762

 78, 52.333, 94.762

 68, 52.333, 94.762

 58, 52.333, 94.762

 48, 52.333, 94.762

 38, 52.333, 94.762

 28, 52.333, 94.762

 18, 52.333, 94.762

 8, 52.333, 94.762

 0, 52.333, 94.762

88, 52.333, 94.762

88, 52.333, 94.762

87, 61.791, 93.518

90, 42.338, 96.003

85, 70.243, 92.258

91, 32.089, 97.225

84, 77.007, 90.964

93, 21.756, 98.426

83, 81.298, 89.589

94, 11.431, 99.592

82, 82.931, 88.267

96, 1.168, 100.594

98, 3.552, 266.620

99, 3.166, 215.321

99, 3.645, 199.356

Harmonies

Complementary

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



88, 52.333, 94.762



62, 56.671, 289.579

Rectangle

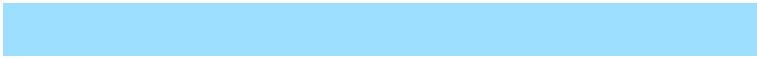
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 52.333, 94.762



88, 52.333, 144.762



88, 52.333, 274.762



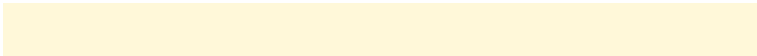
88, 52.333, 324.762

Sweetspot

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



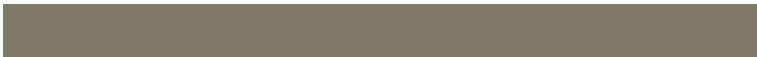
88, 52.334, 94.765



97, 15.934, 99.145



65, 51.144, 10.569



52, 10.879, 98.898



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 52.334, 94.765



90, 63.786, 93.520



91, 63.557, 118.920



50, 5.827, 99.782



64, 67.697, 88.549



20, 28.330, 90.754

Inverse Universe

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



62, 56.671, 289.579



58, 71.179, 292.165



59, 71.301, 305.747



48, 5.898, 282.029



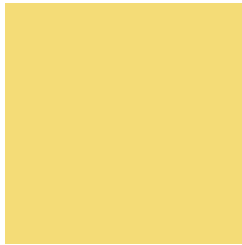
26, 93.213, 302.707



5, 34.571, 296.130

Previews

White Background



This preview shows how the CIELCh color 88, 52.333, 94.762 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 88, 52.333, 94.762 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 88, 52.333, 94.762

Background



This preview shows how black text looks on a background with the CIELCh color 88, 52.333, 94.762.

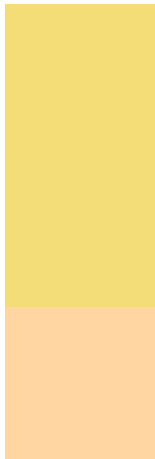


This preview shows how white text looks on a background with the CIELCh color 88, 52.333, 94.762.

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
88, 52.333, 94.762

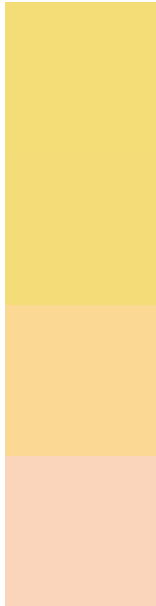
Protanopia
88, 52.129, 95.688

Deuteranopia
88, 31.892, 76.718



Tritanopia
88, 19.264, 353.638

Trichromacy



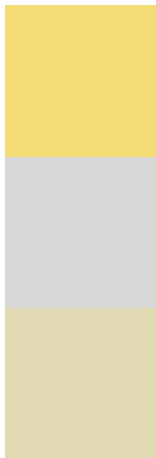
Original Color
88, 52.333, 94.762

Protanomaly
88, 52.213, 95.237

Deuteranomaly
88, 38.616, 85.380

Tritanomaly
88, 20.140, 61.989

Monochromacy



Original Color
88, 52.333, 94.762

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 19.486, 99.443

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 52.333, 94.762 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(244, 220, 119)` looks like.

```
.text, #text, p{  
    color:rgb(244, 220, 119)  
}
```

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(244, 220, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 220, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 52.333, 94.762 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(244, 220, 119) }
```

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

```
.border{ border-color:rgb(244, 220, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 220, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 220, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 220, 119); box-shadow:4px 4px 4px 4px rgb(244, 220, 119) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 52.333, 94.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 220, 119) }
```

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

```
.background{ background-color: rgb(244,  
220, 119) }
```

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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