

Converting Colors

CIELCh(88, 88.448, 97.121)

Have a look what the booklet for
CIELCh(88, 88.448, 97.121) contains.

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Color

CIELCh(88, 88.068, 96.918)

Conversions

Conversions Part 1

Format	Color
Hex	F4DF00
RGB	244, 223, 0
RGB Percent	96%, 87%, 0%
CMY	0.0428, 0.1252, 0.9988
CMYK	0.00, 0.09, 1.00, 0.04
HSL	55°, 100%, 48%
HSV	55°, 100%, 96%
XYZ	63.7475, 72.0653, 10.5580
YIQ	203.8570, 84.0990, -64.9010

Conversions

Conversions Part 2

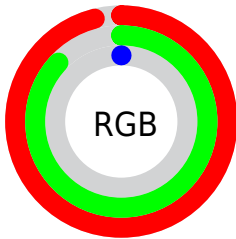
Format	Color
R_{YB}	23, 244, 0
Decimal	16047872
CIE _{Lab}	88.00, -10.61, 87.43
CIE _{LCh}	88, 88.068, 96.918
Yxy	72.0653, 0.4355, 0.4923
Android (android.graphics.Color)	4294237952 (0xFFFF4DF00)
YUV	203.8570, -100.5015, 35.2054
Hunter-Lab	84.8913, -14.5185, 52.0499

Details

The CIELCh color **88, 88.068, 96.918** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light saturated yellow. A complement of this color would be **32, 125.425, 305.417**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 77.889, 104.234**, and **68, 71.243, 97.332** is the 20% darker color. If you saturate the color by 10%, you get **88, 88.086, 96.912**, and if you desaturate by 10%, it is **89, 86.121, 97.611**.

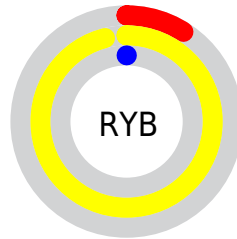
Distribution



Red (96%)

Green (87%)

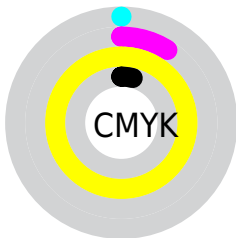
Blue (0%)



Red (9%)

Yellow (96%)

Blue (0%)

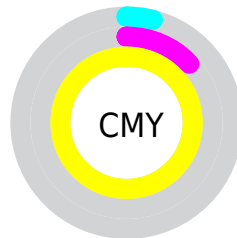


Cyan (0%)

Magenta (9%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (13%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 88.068, 96.918 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, 88.068, 96.918 by changing the saturation by 10% instead.

 88, 88.068, 96.918

 88, 88.068, 96.918

 100, 88.068,
96.918

 78, 88.068, 96.918

 68, 88.068, 96.918

 58, 88.068, 96.918

 48, 88.068, 96.918

 38, 88.068, 96.918

 28, 88.068, 96.918

 18, 88.068, 96.918

 8, 88.068, 96.918

 0, 88.068, 96.918

■ 88, 88.068, 96.918

■ 88, 88.068, 96.918

■ 88, 88.086, 96.912

■ 89, 86.121, 97.611

■ 89, 81.618, 98.377

■ 90, 74.636, 99.239

■ 91, 65.831,
100.184

■ 91, 55.838,
101.193

■ 92, 45.128,
102.241

■ 93, 34.014,
103.309

■ 94, 22.691,
104.378

■ 95, 11.278,

Harmonies

Complementary

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



88, 88.068, 96.918



32, 125.425, 305.417

Rectangle

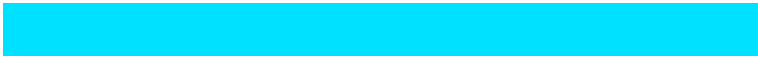
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 88.068, 96.918



88, 88.068, 146.918



88, 88.068, 276.918



88, 88.068, 326.918

Sweetspot

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



88, 88.067, 96.920



97, 35.387, 103.288



51, 96.737, 36.568



51, 24.092, 102.836



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, 88.067, 96.920



91, 91.041, 96.897



87, 102.307, 124.614



51, 6.506, 105.473



69, 71.947, 97.019



22, 30.881, 98.191

Inverse Universe

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



32, 125.425, 305.417



34, 129.871, 305.461



36, 123.484, 309.688



47, 6.627, 287.524



23, 101.567, 305.199



4, 37.516, 298.306

Previews

White Background



This preview shows how the CIELCh color 88, 88.068, 96.918 looks on a white background.

Color Contrast Check

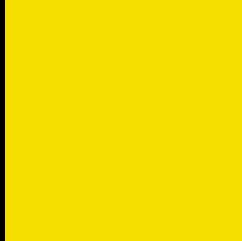
Large Text (above 18pt) WCAG AA × Fail

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, 88.068, 96.918 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, 88.068, 96.918

Background



This preview shows how black text looks on a background with the CIELCh color 88, 88.068, 96.918.



This preview shows how white text looks on a background with the CIELCh color 88, 88.068, 96.918.

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, 88.068, 96.918

Protanopia

88, 87.893, 94.890

Deuteranopia

88, 35.560, 79.568



Tritanopia
88, 18.860, 356.495

Trichromacy



Original Color
88, 88.068, 96.918

Protanomaly
88, 87.994, 95.765



Deuteranomaly
87, 61.557, 91.437



Tritanomaly
87, 40.179, 84.087

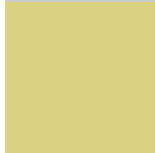
Monochromacy



Original Color
88, 88.068, 96.918



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 41.958, 101.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 88.068, 96.918 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, 223, 0)` looks like.

```
.text, #text, p{  
    color:rgb(244, 223, 0)  
}
```

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, 223, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 223, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 88.068, 96.918 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, 223, 0) }
```

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

```
.border{ border-color:rgb(244, 223, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 223, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 223, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 223, 0);  
box-shadow:4px 4px 4px 4px rgb(244, 223,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 88.068, 96.918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 223, 0) }
```

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

```
.background{ background-color: rgb(244,  
223, 0) }
```

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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