

Converting Colors

CIELCh(88, 72.383, 108.535)

Have a look what the booklet for
CIELCh(88, 72.383, 108.535)
contains.

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Color

CIELCh(88, 72.383, 108.535)

Conversions

Conversions Part 1

Format	Color
Hex	D9E650
RGB	217, 230, 80
RGB Percent	85%, 90%, 31%
CMY	0.1482, 0.0973, 0.6855
CMYK	0.06, 0.00, 0.65, 0.10
HSL	65°, 75%, 61%
HSV	65°, 65%, 90%
XYZ	58.4806, 72.0653, 18.4544
YIQ	209.0130, 40.4020, -49.4060

Conversions

Conversions Part 2

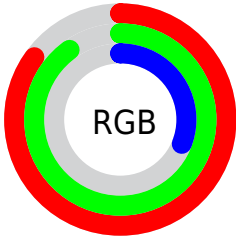
Format	Color
R _Y B	80, 230, 93
Decimal	14280272
CIE Lab	88.00, -23.01, 68.63
CIE LCh	88, 72.383, 108.535
Yxy	72.0653, 0.3925, 0.4837
Android (android.graphics.Color)	4292470352 (0xFFD9E650)
YUV	209.0130, -63.6034, 7.0046
Hunter-Lab	84.8913, -25.5932, 46.5349

Details

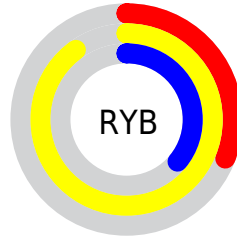
The CIELCh color **88, 72.383, 108.535** is a light color, and the websafe version is hex **CCCC33**, and the color name is **maximum green yellow**. The color can be described as light muted yellow. A complement of this color would be **44, 88.094, 302.373**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 58.607, 105.692**, and **68, 72.559, 108.585** is the 20% darker color. If you saturate the color by 10%, you get **88, 80.258, 108.125**, and if you desaturate by 10%, it is **88, 62.951, 109.132**.

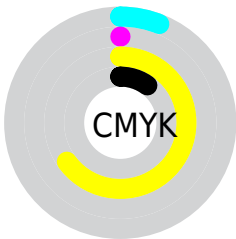
Distribution



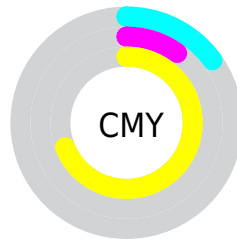
- Red (85%)
- Green (90%)
- Blue (31%)



- Red (31%)
- Yellow (90%)
- Blue (36%)



- Cyan (6%)
- Magenta (0%)
- Yellow (65%)
- Black (10%)





- Cyan (15%)
- Magenta (10%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 72.383, 108.535 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, 72.383, 108.535 by changing the saturation by 10% instead.


 88, 72.383,
108.535

 88, 72.383,
108.535


 100, 72.383,
108.535


 78, 72.383,
108.535

 68, 72.383,
108.535

 58, 72.383,
108.535

 48, 72.383,
108.535

 38, 72.383,
108.535

 28, 72.383,
108.535


 18, 72.383,


108.535


 8, 72.383, 108.535


 0, 72.383, 108.535


 88, 72.383,
108.535


 88, 72.383,
108.535

 88, 80.258,
108.125


 88, 62.951,
109.132


 87, 86.009,
107.962


 89, 52.475,
109.850

 87, 89.268,
108.094

 89, 41.339,
110.643

 87, 90.196,
108.235


 90, 29.802,
111.474


 90, 18.035,

112.318

 91, 6.148, 113.153

 92, 5.788, 293.985

 92, 12.896,
295.682

 92, 12.975,
298.686

Harmonies

Complementary

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



88, 72.383, 108.535



44, 88.094, 302.373

Rectangle

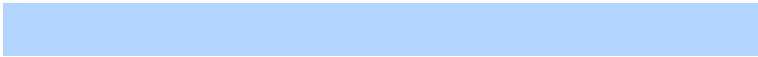
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 72.383, 108.535



88, 72.383, 158.535



88, 72.383, 288.535



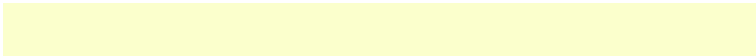
88, 72.383, 338.535

Sweetspot

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



88, 72.384, 108.537



99, 25.803, 111.900



57, 62.993, 33.388



52, 17.581, 111.661



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, 72.384, 108.537



96, 89.031, 108.041



83, 80.555, 129.106



48, 6.747, 112.797



69, 74.555, 108.149



20, 29.394, 108.473

Inverse Universe

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



44, 88.094, 302.373



40, 114.583, 304.595



52, 86.818, 314.702



44, 6.898, 294.424



21, 101.923, 306.569



2, 33.839, 298.849

Previews

White Background



This preview shows how the CIELCh color 88, 72.383, 108.535 looks on a white background.

Color Contrast Check

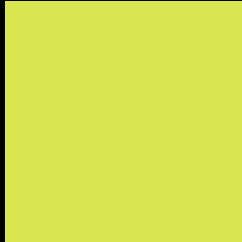
Large Text (above 18pt) WCAG AA × Fail

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, 72.383, 108.535 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, 72.383, 108.535

Background



This preview shows how black text looks on a background with the CIELCh color 88, 72.383, 108.535.



This preview shows how white text looks on a background with the CIELCh color 88, 72.383, 108.535.

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, 72.383, 108.535

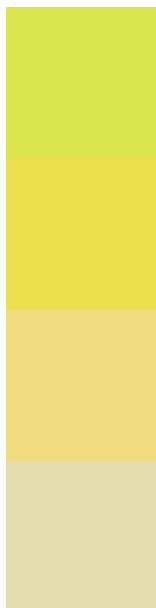
Protanopia
88, 70.437, 95.531

Deuteranopia
88, 34.636, 78.920



Tritanopia
88, 10.797, 324.818

Trichromacy



Original Color
88, 72.383, 108.535

Protanomaly
88, 70.473, 100.111

Deuteranomaly
88, 47.819, 95.700

Tritanomaly
88, 22.921, 102.434

Monochromacy



Original Color
88, 72.383, 108.535

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 28.621, 111.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 72.383, 108.535 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(217, 230, 80)` looks like.

```
.text, #text, p{  
    color:rgb(217, 230, 80)  
}
```

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(217, 230, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 230, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 72.383, 108.535 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(217, 230, 80) }
```

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

```
.border{ border-color:rgb(217, 230, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 230, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 230, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 230, 80);  
box-shadow:4px 4px 4px 4px rgb(217, 230,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 72.383, 108.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 230, 80) }
```

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

```
.background{ background-color: rgb(217,  
230, 80) }
```

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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