

Converting Colors

CIELCh(84, 72.595, 94.844)

Have a look what the booklet for
CIELCh(84, 72.595, 94.844) contains.

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Color

CIELCh(84, 72.549, 94.910)

Conversions

Conversions Part 1

Format	Color
Hex	ECD23D
RGB	236, 210, 61
RGB Percent	93%, 82%, 24%
CMY	0.0757, 0.1776, 0.7620
CMYK	0.00, 0.11, 0.74, 0.08
HSL	51°, 82%, 58%
HSV	51°, 74%, 92%
XYZ	58.2986, 64.0658, 13.6639
YIQ	200.7880, 63.3250, -40.8270

Conversions

Conversions Part 2

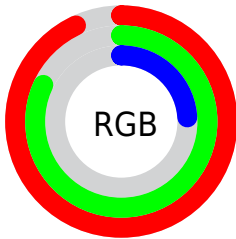
Format	Color
R _{YB}	92, 236, 61
Decimal	15520317
CIE Lab	84.00, -6.21, 72.28
CIE LCh	84, 72.549, 94.910
Yxy	64.0658, 0.4286, 0.4710
Android (android.graphics.Color)	4293710397 (0xFFECD23D)
YUV	200.7880, -68.9155, 30.8809
Hunter-Lab	80.0411, -10.0598, 45.9073

Details

The CIELCh color **84, 72.549, 94.910** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **44, 87.850, 297.825**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 66.602, 105.082**, and **64, 67.820, 94.989** is the 20% darker color. If you saturate the color by 10%, you get **83, 78.405, 93.807**, and if you desaturate by 10%, it is **85, 64.742, 96.033**.

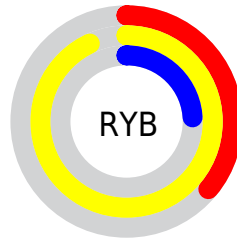
Distribution



Red (93%)

Green (82%)

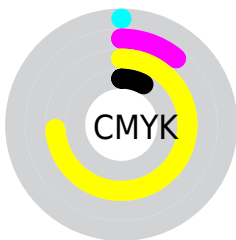
Blue (24%)



Red (36%)

Yellow (93%)

Blue (24%)

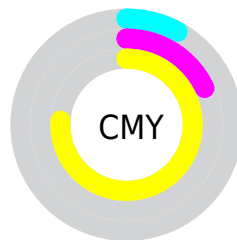


Cyan (0%)

Magenta (11%)

Yellow (74%)

Black (8%)



Cyan (8%)

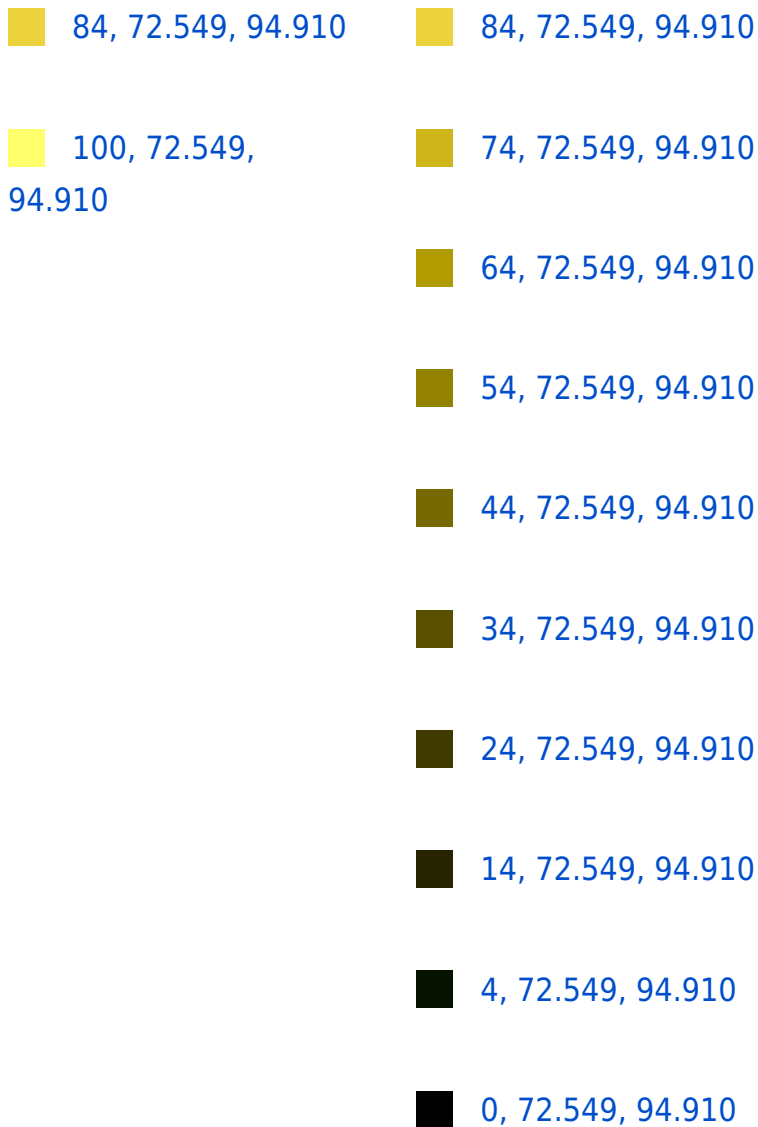
Magenta (18%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 72.549, 94.910 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 84, 72.549, 94.910 by changing the saturation by 10% instead.



84, 72.549, 94.910

84, 72.549, 94.910

83, 78.405, 93.807

85, 64.742, 96.033

82, 81.660, 92.687

86, 55.675, 97.173

82, 82.535, 92.027

87, 45.873, 98.327

89, 35.676, 99.485

90, 25.293,
100.634

91, 14.848,
101.762

93, 4.411, 102.844

94, 5.977, 283.972

95, 7.307, 275.776

Harmonies

Complementary

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



84, 72.549, 94.910



44, 87.850, 297.825

Rectangle

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



84, 72.549, 94.910



84, 72.549, 144.910



84, 72.549, 274.910



84, 72.549, 324.910

Sweetspot

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



84, 72.549, 94.913



97, 24.459, 100.879



54, 72.166, 21.608



51, 16.435, 100.569



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 72.549, 94.913



89, 85.366, 93.237



87, 85.016, 120.587



49, 5.890, 102.290



64, 67.836, 92.231



19, 26.867, 94.336

Inverse Universe

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



44, 87.850, 297.825



39, 113.174, 301.928



43, 100.460, 308.843



46, 5.979, 284.444



24, 95.046, 303.892



4, 32.073, 294.806

Previews

White Background



This preview shows how the CIELCh color 84, 72.549, 94.910 looks on a white background.

Color Contrast Check

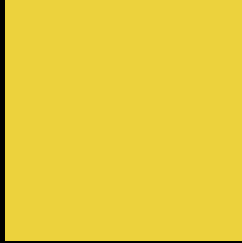
Large Text (above 18pt) WCAG AA × Fail

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 84, 72.549, 94.910 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 84, 72.549, 94.910

Background



This preview shows how black text looks on a background with the CIELCh color 84, 72.549, 94.910.



This preview shows how white text looks on a background with the CIELCh color 84, 72.549, 94.910.

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

84, 72.549, 94.910

Protanopia

84, 72.471, 95.250

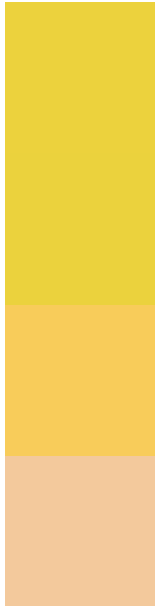
Deuteranopia

84, 54.739, 80.698



Tritanopia
84, 20.439, 358.495

Trichromacy



Original Color
84, 72.549, 94.910

Protanomaly
84, 72.471, 95.250

Deuteranomaly
84, 61.115, 86.846

Tritanomaly
84, 29.405, 72.682

Monochromacy



Original Color
84, 72.549, 94.910

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 29.072, 100.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 72.549, 94.910 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(236, 210, 61)` looks like.

```
.text, #text, p{  
    color:rgb(236, 210, 61)  
}
```

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(236, 210, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 210, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 72.549, 94.910 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(236, 210, 61) }
```

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

```
.border{ border-color:rgb(236, 210, 61) }
```

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

Here you see how a box with a 4 pixel rgb(236, 210, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 210, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 210, 61);  
box-shadow:4px 4px 4px 4px rgb(236, 210,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 72.549, 94.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 210, 61) }
```

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

```
.background{ background-color: rgb(236,  
210, 61) }
```

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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