

Converting Colors

CIELCh(84, 54.679, 112.238)

Have a look what the booklet for
CIELCh(84, 54.679, 112.238)
contains.

CIELCh(84, 54.477, 112.028)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(84, 54.477, 112.028)

Conversions

Conversions Part 1	
Format	Color
Hex	CBDA6F
RGB	203, 218, 111
RGB Percent	80%, 85%, 44%
CMY	0.2035, 0.1446, 0.5643
CMYK	0.07, 0.00, 0.49, 0.14
HSL	68°, 59%, 65%
HSV	68°, 49%, 86%
XYZ	52.6372, 64.0658, 24.6619
YIQ	201.3170, 25.4070, -36.4570

Conversions

Conversions Part 2

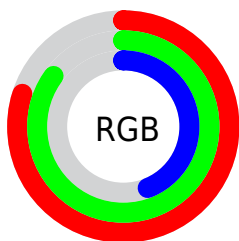
Format	Color
RYB	111, 218, 126
Decimal	13359727
CIELab	84.00, -20.43, 50.50
CIELCh	84, 54.477, 112.028
Yxy	64.0658, 0.3723, 0.4532
Android (android.graphics.Color)	4291549807 (0xFFCBDA6F)
YUV	201.3170, -44.5263, 1.4760
Hunter-Lab	80.0411, -22.6855, 37.7606

Details

The CIELCh color **84, 54.477, 112.028** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **53, 61.945, 300.980**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 44.955, 106.742**, and **64, 54.335, 111.914** is the 20% darker color. If you saturate the color by 10%, you get **84, 64.247, 111.439**, and if you desaturate by 10%, it is **85, 43.966, 112.720**.

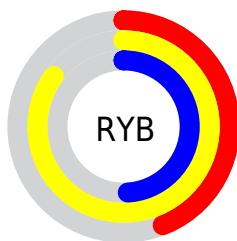
Distribution



Red (80%)

Green (85%)

Blue (44%)



Red (44%)

Yellow (85%)

Blue (49%)

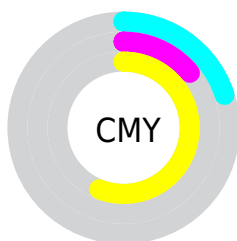


Cyan (7%)

Magenta (0%)

Yellow (49%)

Black (14%)



Cyan (20%)

Magenta (14%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 54.477, 112.028 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, 54.477, 112.028 by changing the saturation by 10% instead.

 84, 54.477,
112.028

 84, 54.477,
112.028

 100, 54.477,
112.028

 74, 54.477,
112.028

 64, 54.477,
112.028

 54, 54.477,
112.028

 44, 54.477,
112.028

 34, 54.477,
112.028

 24, 54.477,
112.028

 14, 54.477,

112.028


 4, 54.477, 112.028


 0, 54.477, 112.028


 84, 54.477,
112.028


 84, 54.477,
112.028


 84, 64.247,
111.439


 85, 43.966,
112.720


 83, 72.863,
111.006

 85, 32.995,
113.464

 83, 79.807,
110.809

 86, 21.753,
114.230

 83, 84.575,
110.925


 86, 10.365,
114.995


 82, 87.117,


 87, 1.088, 295.758


111.369

 88, 12.551,
296.473

 82, 87.315,
111.416

 89, 19.425,
298.114

 89, 19.576,
301.131

 89, 19.779,
304.113

Harmonies

Complementary

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



84, 54.477, 112.028



53, 61.945, 300.980

Rectangle

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



84, 54.477, 112.028



84, 54.477, 162.028



84, 54.477, 292.028



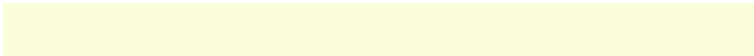
84, 54.477, 342.028

Sweetspot

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



84, 54.478, 112.030



99, 19.458, 114.531



62, 41.627, 34.276



53, 13.267, 114.368



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, 54.478, 112.030



96, 72.768, 111.415



81, 60.758, 131.240



46, 6.523, 114.966



67, 73.549, 111.290



17, 26.729, 111.986

Inverse Universe

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



53, 61.945, 300.980



54, 85.935, 302.538



58, 63.711, 315.705



42, 6.664, 296.432



21, 99.316, 306.851



2, 29.803, 298.353

Previews

White Background



This preview shows how the CIELCh color 84, 54.477, 112.028 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, 54.477, 112.028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

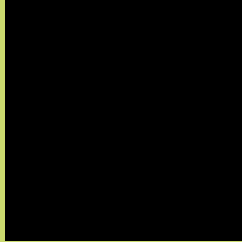
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 54.477, 112.028

Background



This preview shows how black text looks on a background with the CIELCh color 84, 54.477, 112.028.



This preview shows how white text looks on a background with the CIELCh color 84, 54.477, 112.028.

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, 54.477, 112.028

Protanopia

84, 52.501, 95.387

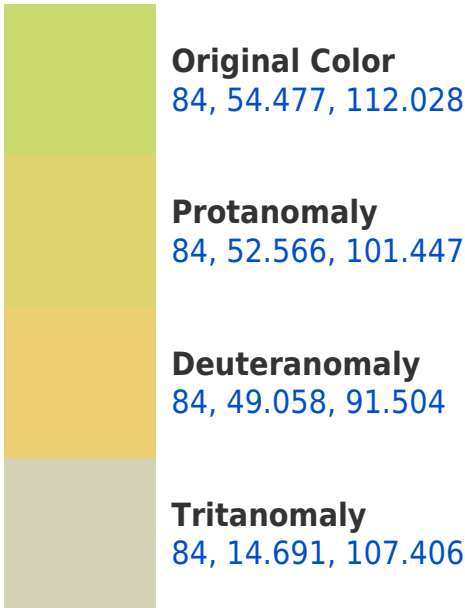
Deuteranopia

84, 49.195, 77.942



Tritanopia
84, 9.211, 313.592

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 54.477, 112.028 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(203, 218, 111)` looks like.

```
.text, #text, p{  
    color:rgb(203, 218, 111)  
}
```

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(203, 218, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 218, 111) }
```

Border

The CSS property to change the border of an element to CIElCh 84, 54.477, 112.028 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(203, 218, 111) }
```

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

```
.border{ border-color:rgb(203, 218, 111) }
```

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

Here you see how a box with a 4 pixel rgb(203, 218, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 218, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 218, 111);  
box-shadow:4px 4px 4px 4px rgb(203, 218,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 54.477, 112.028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 218, 111) }
```

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

```
.background{ background-color: rgb(203,  
218, 111) }
```

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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