

Converting Colors

CIELCh(82, 52.329, 114.270)

Have a look what the booklet for
CIELCh(82, 52.329, 114.270)
contains.

CIELCh(82, 52.073, 114.290)	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(82, 52.073, 114.290)

Conversions

Conversions Part 1

Format	Color
Hex	C2D570
RGB	194, 213, 112
RGB Percent	76%, 84%, 44%
CMY	0.2388, 0.1643, 0.5604
CMYK	0.09, 0.00, 0.47, 0.16
HSL	71°, 55%, 64%
HSV	71°, 47%, 84%
XYZ	49.0275, 60.2982, 24.4131
YIQ	195.8050, 21.0970, -35.4390

Conversions

Conversions Part 2

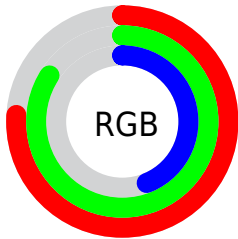
Format	Color
RYB	112, 213, 131
Decimal	12768624
CIELab	82.00, -21.42, 47.46
CIElCh	82, 52.073, 114.290
Yxy	60.2982, 0.3666, 0.4509
Android (android.graphics.Color)	4290958704 (0xFFC2D570)
YUV	195.8050, -41.3159, -1.5830
Hunter-Lab	77.6519, -23.1903, 35.7160

Details

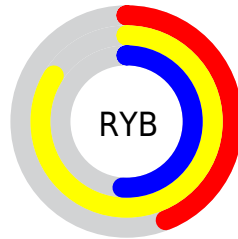
The CIELCh color **82, 52.073, 114.290** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **53, 58.594, 302.089**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 44.490, 108.291**, and **62, 52.117, 114.330** is the 20% darker color. If you saturate the color by 10%, you get **81, 61.889, 113.747**, and if you desaturate by 10%, it is **83, 41.595, 114.932**.

Distribution



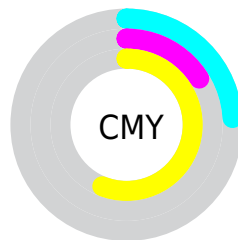
- Red (76%)
- Green (84%)
- Blue (44%)



- Red (44%)
- Yellow (84%)
- Blue (51%)



- Cyan (9%)
- Magenta (0%)
- Yellow (47%)
- Black (16%)





- Cyan (24%)
- Magenta (16%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 52.073, 114.290 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 82, 52.073, 114.290 by changing the saturation by 10% instead.


 82, 52.073,
114.290


 82, 52.073,
114.290


 100, 52.073,
114.290


 72, 52.073,
114.290

 62, 52.073,
114.290

 52, 52.073,
114.290

 42, 52.073,
114.290

 32, 52.073,
114.290

 22, 52.073,
114.290

 12, 52.073,

114.290

■ 2, 52.073, 114.290

■ 0, 52.073, 114.290

■ 82, 52.073,
114.290

■ 82, 52.073,
114.290

■ 81, 61.889,
113.747

■ 83, 41.595,
114.932

■ 81, 70.666,
113.361

■ 83, 30.708,
115.620

■ 81, 77.914,
113.216

■ 84, 19.586,
116.326

■ 80, 83.122,
113.403

■ 85, 8.341, 117.028

■ 80, 86.067,

■ 86, 2.950, 297.709

113.973

86, 14.237,
298.368

80, 86.656,
114.149

87, 22.227,
299.831

88, 22.460,
303.264

88, 22.769,
306.644

Harmonies

Complementary

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



82, 52.073, 114.290



53, 58.594, 302.089

Rectangle

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



82, 52.073, 114.290



82, 52.073, 164.290



82, 52.073, 294.290



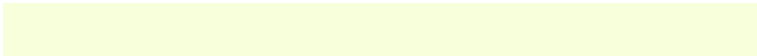
82, 52.073, 344.290

Sweetspot

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



82, 52.074, 114.292



99, 18.247, 116.556



63, 37.916, 38.266



52, 12.591, 116.402



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 52.074, 114.292



96, 71.063, 113.738



79, 58.586, 132.842



45, 6.426, 116.887



65, 73.450, 113.990



16, 25.446, 114.972

Inverse Universe

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



53, 58.594, 302.089



56, 82.740, 303.404



58, 60.810, 317.203



41, 6.561, 298.222



21, 97.719, 307.198



2, 27.824, 298.714

Previews

White Background



This preview shows how the CIELCh color 82, 52.073, 114.290 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 CIE LCh color 82, 52.073, 114.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

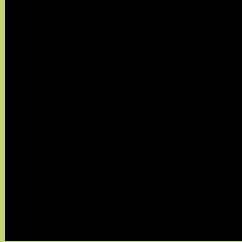
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 52.073, 114.290

Background



This preview shows how black text looks on a background with the CIELCh color 82, 52.073, 114.290.



This preview shows how white text looks on a background with the CIELCh color 82, 52.073, 114.290.

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
82, 52.073, 114.290

Protanopia
82, 49.675, 95.945

Deuteranopia
82, 46.993, 77.105



Tritanopia
82, 8.790, 304.961

Trichromacy



Original Color
82, 52.073, 114.290

Protanomaly
82, 49.792, 102.827

Deuteranomaly
82, 46.177, 91.795

Tritanomaly
82, 13.764, 113.711

Monochromacy



Original Color
82, 52.073, 114.290

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 19.740, 116.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 52.073, 114.290 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(194, 213, 112)` looks like.

```
.text, #text, p{  
    color:rgb(194, 213, 112)  
}
```

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(194, 213, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 213, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 52.073, 114.290 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(194, 213, 112) }
```

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

```
.border{ border-color:rgb(194, 213, 112) }
```

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

Here you see how a box with a 4 pixel rgb(194, 213, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 213, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 213, 112);  
box-shadow:4px 4px 4px 4px rgb(194, 213,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 52.073, 114.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 213, 112) }
```

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

```
.background{ background-color: rgb(194,  
213, 112) }
```

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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