

Converting Colors

CIELCh(86, 55.707, 124.501)

Have a look what the booklet for
CIELCh(86, 55.707, 124.501)
contains.

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Color

CIELCh(86, 55.593, 124.470)

Conversions

Conversions Part 1

Format	Color
Hex	B8E57D
RGB	184, 229, 125
RGB Percent	72%, 90%, 49%
CMY	0.2769, 0.1004, 0.5083
CMYK	0.20, 0.00, 0.45, 0.10
HSL	86°, 67%, 70%
HSV	86°, 45%, 90%
XYZ	51.7152, 67.9871, 29.9227
YIQ	203.6890, 6.5640, -41.8840

Conversions

Conversions Part 2

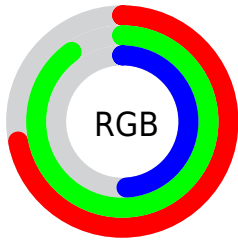
Format	Color
RYB	125, 229, 170
Decimal	12117373
CIELab	86.00, -31.46, 45.83
CIElCh	86, 55.593, 124.470
Yxy	67.9871, 0.3456, 0.4544
Android (android.graphics.Color)	4290307453 (0xFFB8E57D)
YUV	203.6890, -38.7937, -17.2673
Hunter-Lab	82.4543, -32.3400, 36.2017

Details

The CIELCh color **86, 55.593, 124.470** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **61, 60.110, 309.270**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 38.501, 114.706**, and **66, 55.466, 124.323** is the 20% darker color. If you saturate the color by 10%, you get **85, 66.858, 124.088**, and if you desaturate by 10%, it is **87, 43.725, 124.940**.

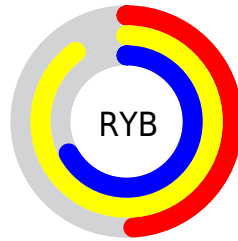
Distribution



Red (72%)

Green (90%)

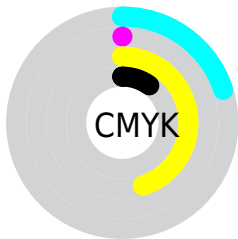
Blue (49%)



Red (49%)

Yellow (90%)

Blue (67%)

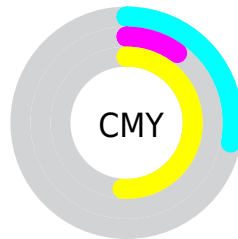


Cyan (20%)

Magenta (0%)

Yellow (45%)

Black (10%)



Cyan (28%)

Magenta (10%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 55.593, 124.470 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 86, 55.593, 124.470 by changing the saturation by 10% instead.

■ 86, 55.593,
124.470

■ 86, 55.593,
124.470

■ 100, 55.593,
124.470

■ 76, 55.593,
124.470

■ 66, 55.593,
124.470

■ 56, 55.593,
124.470

■ 46, 55.593,
124.470

■ 36, 55.593,
124.470


■ 26, 55.593,
124.470


■ 16, 55.593,


124.470


 6, 55.593, 124.470

 0, 55.593, 124.470

 86, 55.593,
124.470


 86, 55.593,
124.470


 85, 66.858,
124.088


 87, 43.725,
124.940

 84, 77.148,
123.868

 88, 31.503,
125.444

 84, 85.970,
123.921

 89, 19.104,
125.950

 83, 92.780,
124.373

 90, 6.647, 126.448

 83, 97.212,

 92, 5.786, 306.874

125.322

93, 14.218,
311.831

82, 98.697,
125.869

94, 15.779,
323.765

94, 15.996,
324.978

Harmonies

Complementary

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



86, 55.593, 124.470



61, 60.110, 309.270

Rectangle

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



86, 55.593, 124.470



86, 55.593, 174.470



86, 55.593, 304.470



86, 55.593, 354.470

Sweetspot

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



86, 55.595, 124.471



98, 18.986, 126.014



74, 35.492, 61.170



52, 13.107, 125.905



0, 0.000, 0.000



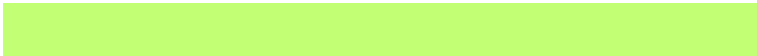
53, 0.007, 296.813

Same Dimension

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



86, 55.595, 124.471



94, 71.204, 124.122



83, 63.983, 139.041



48, 7.068, 126.244



66, 81.616, 125.599



18, 31.640, 125.081

Inverse Universe

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



61, 60.110, 309.270



61, 78.414, 309.834



66, 64.253, 324.343



45, 7.179, 307.133



26, 96.830, 310.503



4, 35.214, 308.656

Previews

White Background



This preview shows how the CIELCh color 86, 55.593, 124.470 looks on a white background.

Color Contrast Check

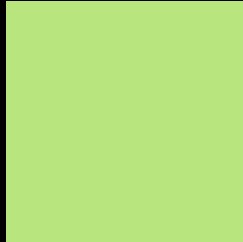
Large Text (above 18pt) WCAG AA × Fail

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 86, 55.593, 124.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

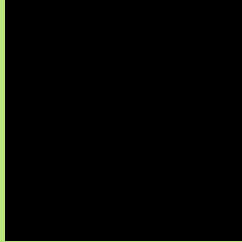
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 55.593, 124.470

Background



This preview shows how black text looks on a background with the CIELCh color 86, 55.593, 124.470.



This preview shows how white text looks on a background with the CIELCh color 86, 55.593, 124.470.

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](#).

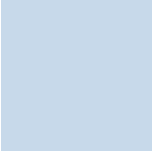
Dichromacy



Original Color
86, 55.593, 124.470

Protanopia
86, 49.409, 95.738

Deuteranopia
86, 38.530, 75.686



Tritanopia
86, 10.699, 255.924

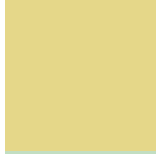
Trichromacy



Original Color
86, 55.593, 124.470



Protanomaly
86, 49.829, 107.333



Deuteranomaly
86, 40.649, 98.584

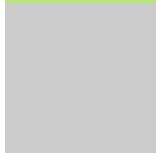


Tritanomaly
86, 17.963, 143.692

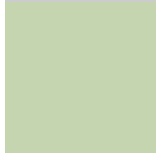
Monochromacy



Original Color
86, 55.593, 124.470



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 20.853, 125.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 55.593, 124.470 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(184, 229, 125)` looks like.

```
.text, #text, p{  
    color:rgb(184, 229, 125)  
}
```

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(184, 229, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 229, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 55.593, 124.470 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(184, 229, 125) }
```

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

```
.border{ border-color:rgb(184, 229, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 229, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 229, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 229, 125);  
box-shadow:4px 4px 4px 4px rgb(184, 229,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 55.593, 124.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 229, 125) }
```

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

```
.background{ background-color: rgb(184,  
229, 125) }
```

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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