

Converting Colors

CIELCh(88, 65.034, 123.673)

Have a look what the booklet for
CIELCh(88, 65.034, 123.673)
contains.

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Color

CIELCh(88, 65.004, 123.680)

Conversions

Conversions Part 1

Format	Color
Hex	B9ED71
RGB	185, 237, 113
RGB Percent	73%, 93%, 44%
CMY	0.2746, 0.0706, 0.5569
CMYK	0.22, 0.00, 0.52, 0.07
HSL	85°, 77%, 69%
HSV	85°, 52%, 93%
XYZ	53.2647, 72.0653, 26.7217
YIQ	207.3160, 8.8120, -49.5880

Conversions

Conversions Part 2

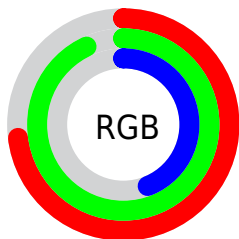
Format	Color
RYB	113, 237, 165
Decimal	12184945
CIELab	88.00, -36.05, 54.09
CIELCh	88, 65.004, 123.680
Yxy	72.0653, 0.3503, 0.4740
Android (android.graphics.Color)	4290375025 (0xFFB9ED71)
YUV	207.3160, -46.4978, -19.5711
Hunter-Lab	84.8913, -36.5605, 40.7608

Details

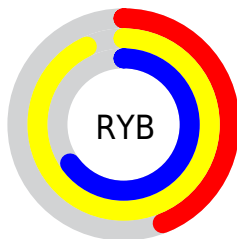
The CIELCh color **88, 65.004, 123.680** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **58, 71.501, 309.322**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 43.781, 112.962**, and **68, 64.951, 123.752** is the 20% darker color. If you saturate the color by 10%, you get **87, 75.861, 123.402**, and if you desaturate by 10%, it is **89, 53.271, 124.100**.

Distribution



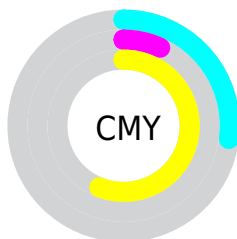
- Red (73%)
- Green (93%)
- Blue (44%)



- Red (44%)
- Yellow (93%)
- Blue (65%)



- Cyan (22%)
- Magenta (0%)
- Yellow (52%)
- Black (7%)



- Cyan (27%)
- Magenta (7%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 65.004, 123.680 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, 65.004, 123.680 by changing the saturation by 10% instead.


 88, 65.004,
123.680

 88, 65.004,
123.680


 100, 65.004,
123.680


 78, 65.004,
123.680

 68, 65.004,
123.680

 58, 65.004,
123.680

 48, 65.004,
123.680

 38, 65.004,
123.680


 28, 65.004,
123.680


 18, 65.004,


123.680


 8, 65.004, 123.680


 0, 65.004, 123.680


 88, 65.004,
123.680


 88, 65.004,
123.680


 87, 75.861,
123.402


 89, 53.271,
124.100


 86, 85.366,
123.361


 90, 40.999,
124.588

 86, 92.957,
123.683

 91, 28.423,
125.102

 85, 98.169,
124.483

 92, 15.703,
125.613

 85, 100.725,

 93, 2.948, 126.129

125.383

95, 9.673, 306.693

96, 11.148,
324.145

96, 11.234,
324.805

Harmonies

Complementary

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



88, 65.004, 123.680



58, 71.501, 309.322

Rectangle

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



88, 65.004, 123.680



88, 65.004, 173.680



88, 65.004, 303.680



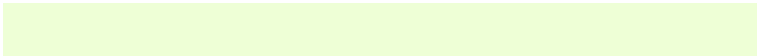
88, 65.004, 353.680

Sweetspot

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



88, 65.005, 123.681



98, 21.637, 125.423



74, 42.955, 60.484



52, 14.606, 125.317



0, 0.000, 0.000



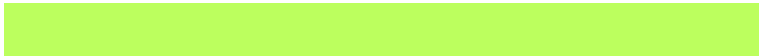
53, 0.007, 296.813

Same Dimension

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



88, 65.005, 123.681



93, 81.184, 123.386



85, 74.965, 138.400



49, 7.178, 125.757



67, 82.128, 125.100



20, 32.930, 124.264

Inverse Universe

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



58, 71.501, 309.322



55, 91.449, 309.986



65, 75.154, 324.613



45, 7.293, 306.664



26, 98.136, 310.238



4, 37.258, 308.931

Previews

White Background



This preview shows how the CIELCh color 88, 65.004, 123.680 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, 65.004, 123.680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

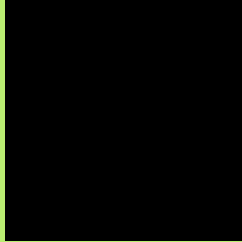
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 65.004, 123.680

Background



This preview shows how black text looks on a background with the CIELCh color 88, 65.004, 123.680.

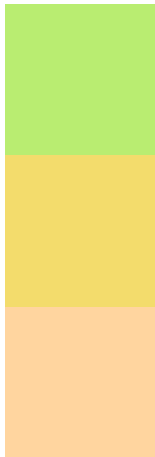


This preview shows how white text looks on a background with the CIELCh color 88, 65.004, 123.680.

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, 65.004, 123.680

Protanopia

88, 57.300, 95.634

Deuteranopia

88, 33.055, 76.879

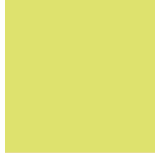


Tritanopia
88, 11.624, 253.346

Trichromacy



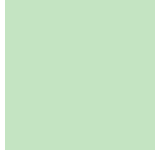
Original Color
88, 65.004, 123.680



Protanomaly
88, 58.033, 106.948



Deuteranomaly
87, 41.138, 102.181

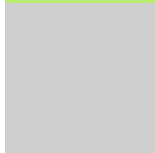


Tritanomaly
88, 21.313, 142.019

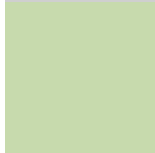
Monochromacy



Original Color
88, 65.004, 123.680



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 24.584, 125.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 65.004, 123.680 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(185, 237, 113)` looks like.

```
.text, #text, p{  
    color:rgb(185, 237, 113)  
}
```

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(185, 237, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 237, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 65.004, 123.680 is called "border". The border property can be set on classes, ids or directly on the HTML element.

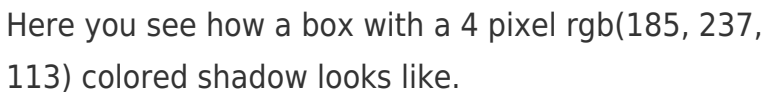
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 237, 113) }
```

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

```
.border{ border-color:rgb(185, 237, 113) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 237, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 237, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 237, 113);  
box-shadow:4px 4px 4px 4px rgb(185, 237,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 65.004, 123.680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 237, 113) }
```

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

```
.background{ background-color: rgb(185,  
237, 113) }
```

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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