

Converting Colors

CIELCh(88, 32.540, 130.386)

Have a look what the booklet for
CIELCh(88, 32.540, 130.386)
contains.

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Color

CIELCh(88, 32.465, 130.308)

Conversions

Conversions Part 1

Format	Color
Hex	C6E7AD
RGB	198, 231, 173
RGB Percent	78%, 91%, 68%
CMY	0.2241, 0.0947, 0.3221
CMYK	0.14, 0.00, 0.25, 0.09
HSL	94°, 55%, 79%
HSV	94°, 25%, 91%
XYZ	59.3129, 72.0653, 50.2463
YIQ	214.5210, -1.0500, -25.0340

Conversions

Conversions Part 2

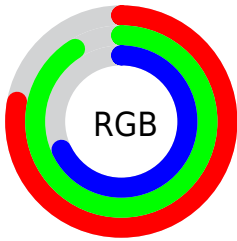
Format	Color
RYB	173, 231, 206
Decimal	13035437
CIELab	88.00, -21.00, 24.76
CIELCh	88, 32.465, 130.308
Yxy	72.0653, 0.3266, 0.3968
Android (android.graphics.Color)	4291225517 (0xFFC6E7AD)
YUV	214.5210, -20.4699, -14.4889
Hunter-Lab	84.8913, -23.8432, 24.3307

Details

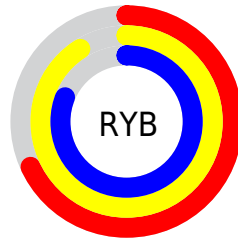
The CIELCh color **88, 32.465, 130.308** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75, 33.431, 312.569**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.158, 109.183**, and **68, 32.332, 129.843** is the 20% darker color. If you saturate the color by 10%, you get **87, 45.242, 129.817**, and if you desaturate by 10%, it is **89, 19.542, 130.790**.

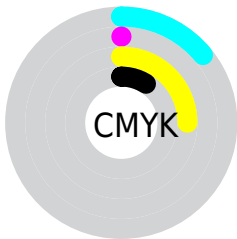
Distribution



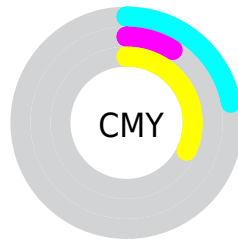
- Red (78%)
- Green (91%)
- Blue (68%)



- Red (68%)
- Yellow (91%)
- Blue (81%)



- Cyan (14%)
- Magenta (0%)
- Yellow (25%)
- Black (9%)





- Cyan (22%)
- Magenta (9%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 32.465, 130.308 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, 32.465, 130.308 by changing the saturation by 10% instead.


 88, 32.465,
130.308


 88, 32.465,
130.308


 100, 32.465,
130.308


 78, 32.465,
130.308

 68, 32.465,
130.308

 58, 32.465,
130.308

 48, 32.465,
130.308

 38, 32.465,
130.308


 28, 32.465,
130.308

 18, 32.465,


130.308


 8, 32.465, 130.308


 0, 32.465, 130.308

 88, 32.465,
130.308


 88, 32.465,
130.308

 87, 45.242,
129.817


 89, 19.542,
130.790

 86, 57.679,
129.338

 91, 6.597, 131.252


 85, 69.512,
128.924

 92, 6.275, 311.612

 84, 80.362,
128.651

 94, 14.250,
319.500

 83, 89.726,

 94, 15.083,
324.945

128.632

■ 82, 97.044,
128.999

■ 82, 101.921,
129.849

■ 82, 103.634,
130.367

Harmonies

Complementary

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



88, 32.465, 130.308



75, 33.431, 312.569

Rectangle

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



88, 32.465, 130.308



88, 32.465, 180.308



88, 32.465, 310.308



88, 32.465, 0.308

Sweetspot

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



88, 32.467, 130.310



99, 11.185, 131.117



84, 19.943, 79.002



52, 7.953, 131.047



0, 0.000, 0.000



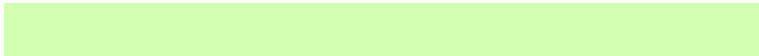
53, 0.007, 296.813

Same Dimension

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



88, 32.467, 130.310



95, 41.978, 130.061



87, 35.396, 144.557



47, 7.294, 131.052



65, 85.251, 130.104



18, 32.978, 129.836

Inverse Universe

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



75, 33.431, 312.569



79, 43.494, 312.814



77, 35.427, 327.711



45, 7.381, 311.833



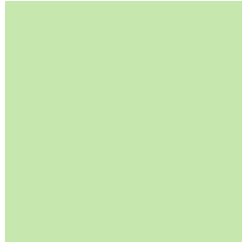
29, 94.054, 313.609



5, 36.044, 313.496

Previews

White Background



This preview shows how the CIELCh color 88, 32.465, 130.308 looks on a white background.

Color Contrast Check

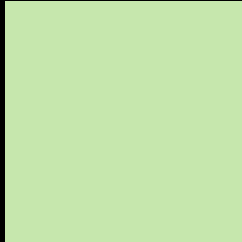
Large Text (above 18pt) WCAG AA × Fail

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, 32.465, 130.308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

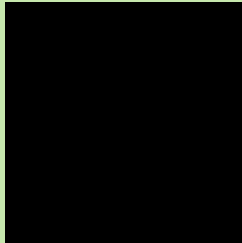
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

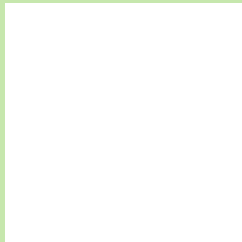
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 32.465, 130.308

Background



This preview shows how black text looks on a background with the CIELCh color 88, 32.465, 130.308.



This preview shows how white text looks on a background with the CIELCh color 88, 32.465, 130.308.

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, 32.465, 130.308

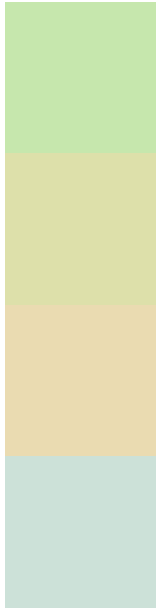
Protanopia
88, 27.586, 95.514

Deuteranopia
88, 24.314, 64.638



Tritanopia
88, 10.441, 263.758

Trichromacy



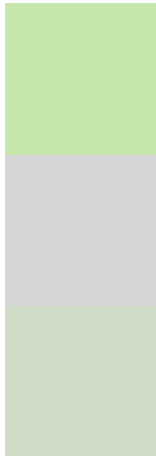
Original Color
88, 32.465, 130.308

Protanomaly
88, 27.904, 110.234

Deuteranomaly
88, 22.585, 93.343

Tritanomaly
88, 8.884, 166.919

Monochromacy



Original Color
88, 32.465, 130.308

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 11.853, 131.131

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 32.465, 130.308 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(198, 231, 173)` looks like.

```
.text, #text, p{  
    color:rgb(198, 231, 173)  
}
```

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(198, 231, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 231, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 32.465, 130.308 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(198, 231, 173) }
```

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

```
.border{ border-color:rgb(198, 231, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 231, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 231, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 231, 173);  
box-shadow:4px 4px 4px 4px rgb(198, 231,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 32.465, 130.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 231, 173) }
```

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

```
.background{ background-color: rgb(198,  
231, 173) }
```

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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