

Converting Colors

CIELCh(88, 36.586, 120.997)

Have a look what the booklet for
CIELCh(88, 36.586, 120.997)
contains.

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Color

CIELCh(88, 36.451, 120.800)

Conversions

Conversions Part 1

Format	Color
Hex	CFE5A0
RGB	207, 229, 160
RGB Percent	81%, 90%, 63%
CMY	0.1870, 0.1007, 0.3714
CMYK	0.10, 0.00, 0.30, 0.10
HSL	79°, 57%, 76%
HSV	79°, 30%, 90%
XYZ	60.2915, 72.0653, 44.1224
YIQ	214.5560, 9.0370, -26.1230

Conversions

Conversions Part 2

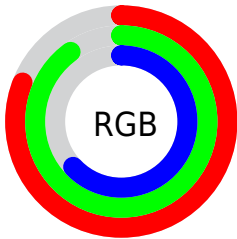
Format	Color
RYB	160, 229, 182
Decimal	13624736
CIELab	88.00, -18.66, 31.31
CIElCh	88, 36.451, 120.800
Yxy	72.0653, 0.3416, 0.4084
Android (android.graphics.Color)	4291814816 (0xFFCFE5A0)
YUV	214.5560, -26.8961, -6.6266
Hunter-Lab	84.8913, -21.7855, 28.6078

Details

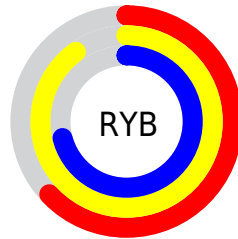
The CIELCh color **88, 36.451, 120.800** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 38.677, 304.494**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.216, 108.647**, and **68, 36.618, 120.987** is the 20% darker color. If you saturate the color by 10%, you get **87, 48.189, 120.250**, and if you desaturate by 10%, it is **89, 24.444, 121.378**.

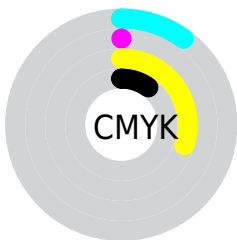
Distribution



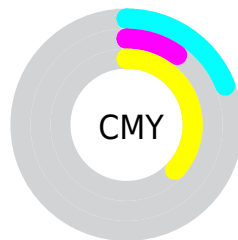
- Red (81%)
- Green (90%)
- Blue (63%)



- Red (63%)
- Yellow (90%)
- Blue (71%)



- Cyan (10%)
- Magenta (0%)
- Yellow (30%)
- Black (10%)



- Cyan (19%)
- Magenta (10%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 36.451, 120.800 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, 36.451, 120.800 by changing the saturation by 10% instead.

■ 88, 36.451,
120.800

■ 88, 36.451,
120.800

■ 100, 36.451,
120.800

■ 78, 36.451,
120.800

■ 68, 36.451,
120.800

■ 58, 36.451,
120.800

■ 48, 36.451,
120.800

■ 38, 36.451,
120.800


■ 28, 36.451,
120.800


■ 18, 36.451,

120.800


 8, 36.451, 120.800


 0, 36.451, 120.800


 88, 36.451,
120.800


 88, 36.451,
120.800

 87, 48.189,
120.250


 89, 24.444,
121.378


 86, 59.445,
119.760

 90, 12.298,
121.953


 86, 69.920,
119.393

 91, 0.110, 123.058

 85, 79.181,
119.233

 92, 12.055,
303.024

 85, 86.690,

 93, 14.263,
311.776

119.392

93, 15.350,
320.766

84, 91.948,
119.981

94, 16.053,
324.980

84, 95.009,
120.985

Harmonies

Complementary

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



88, 36.451, 120.800



70, 38.677, 304.494

Rectangle

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



88, 36.451, 120.800



88, 36.451, 170.800



88, 36.451, 300.800



88, 36.451, 350.800

Sweetspot

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



88, 36.453, 120.802



99, 11.945, 122.012



78, 22.474, 51.593



53, 8.301, 121.929



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, 36.453, 120.802



96, 47.319, 120.460



86, 41.598, 137.676



48, 6.921, 121.989



67, 78.646, 120.740



19, 30.638, 120.265

Inverse Universe

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



70, 38.677, 304.494



73, 50.917, 304.985



73, 42.113, 320.659



44, 7.049, 303.049



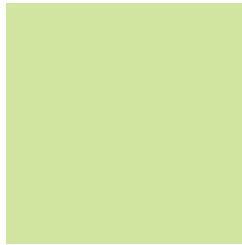
24, 99.006, 308.603



3, 34.565, 304.806

Previews

White Background



This preview shows how the CIELCh color 88, 36.451, 120.800 looks on a white background.

Color Contrast Check

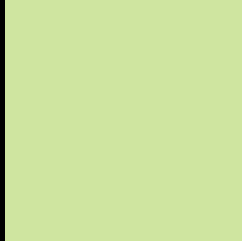
Large Text (above 18pt) WCAG AA × Fail

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, 36.451, 120.800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

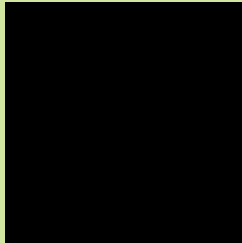
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 36.451, 120.800

Background



This preview shows how black text looks on a background with the CIELCh color 88, 36.451, 120.800.

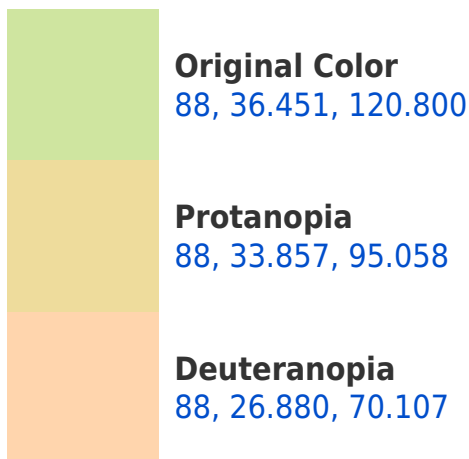


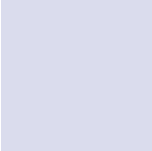
This preview shows how white text looks on a background with the CIELCh color 88, 36.451, 120.800.

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](#).

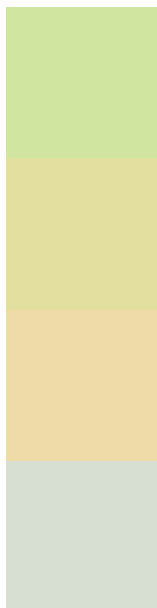
Dichromacy





Tritanopia
88, 8.897, 286.448

Trichromacy



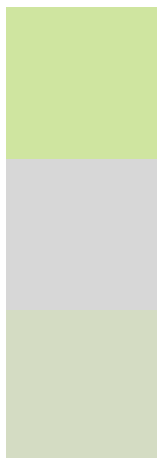
Original Color
88, 36.451, 120.800

Protanomaly
88, 33.510, 104.640

Deuteranomaly
88, 27.513, 92.095

Tritanomaly
88, 8.018, 133.658

Monochromacy



Original Color
88, 36.451, 120.800

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 13.383, 121.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 36.451, 120.800 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(207, 229, 160)` looks like.

```
.text, #text, p{  
    color:rgb(207, 229, 160)  
}
```

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(207, 229, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 229, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 36.451, 120.800 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(207, 229, 160) }
```

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

```
.border{ border-color:rgb(207, 229, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 229, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 229, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 229, 160); box-shadow:4px 4px 4px 4px rgb(207, 229, 160) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 36.451, 120.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 229, 160) }
```

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

```
.background{ background-color: rgb(207,  
229, 160) }
```

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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