

Converting Colors

CIELCh(88, 58.264, 132.226)

Have a look what the booklet for
CIELCh(88, 58.264, 132.226)
contains.

CIELCh(88, 58.296, 132.356)	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(88, 58.296, 132.356)

Conversions

Conversions Part 1

Format	Color
Hex	ABEF88
RGB	171, 239, 136
RGB Percent	67%, 94%, 53%
CMY	0.3300, 0.0633, 0.4672
CMYK	0.28, 0.00, 0.43, 0.06
HSL	100°, 76%, 73%
HSV	100°, 43%, 94%
XYZ	52.0233, 72.0653, 34.4112
YIQ	206.9260, -7.4650, -46.4490

Conversions

Conversions Part 2

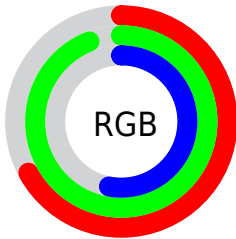
Format	Color
RYB	136, 239, 204
Decimal	11267976
CIELab	88.00, -39.28, 43.08
CIElCh	88, 58.296, 132.356
Yxy	72.0653, 0.3282, 0.4547
Android (android.graphics.Color)	4289458056 (0xFFABEF88)
YUV	206.9260, -34.9665, -31.5071
Hunter-Lab	84.8913, -39.1709, 35.3903

Details

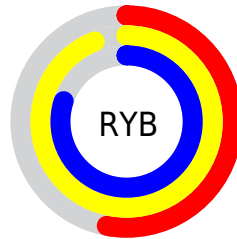
The CIELCh color **88, 58.296, 132.356** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **67, 60.549, 316.325**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 33.905, 125.046**, and **68, 58.475, 132.337** is the 20% darker color. If you saturate the color by 10%, you get **87, 70.952, 131.855**, and if you desaturate by 10%, it is **89, 45.059, 132.890**.

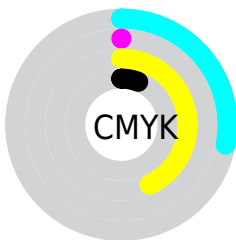
Distribution



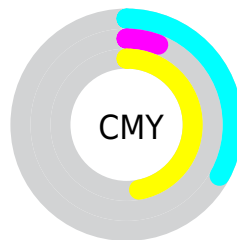
- Red (67%)
- Green (94%)
- Blue (53%)



- Red (53%)
- Yellow (94%)
- Blue (80%)



- Cyan (28%)
- Magenta (0%)
- Yellow (43%)
- Black (6%)





- Cyan (33%)
- Magenta (6%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 58.296, 132.356 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, 58.296, 132.356 by changing the saturation by 10% instead.


 88, 58.296,
132.356


 88, 58.296,
132.356


 100, 58.296,
132.356


 78, 58.296,
132.356

 68, 58.296,
132.356

 58, 58.296,
132.356

 48, 58.296,
132.356

 38, 58.296,
132.356


 28, 58.296,
132.356


 18, 58.296,


132.356


 8, 58.296, 132.356

 0, 58.296, 132.356


 88, 58.296,
132.356


 88, 58.296,
132.356


 87, 70.952,
131.855


 89, 45.059,
132.890

 86, 82.639,
131.454


 91, 31.513,
133.412


 85, 92.846,
131.258

 92, 17.853,
133.903

 84, 100.978,
131.400

 94, 4.219, 134.380

 84, 106.554,

 96, 9.151, 315.100

131.988

96, 10.063,
324.761

84, 109.068,
132.590

Harmonies

Complementary

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



88, 58.296, 132.356



67, 60.549, 316.325

Rectangle

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



88, 58.296, 132.356



88, 58.296, 182.356



88, 58.296, 312.356



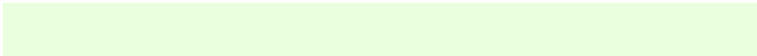
88, 58.296, 2.356

Sweetspot

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



88, 58.298, 132.357



98, 18.655, 133.906



83, 38.271, 84.031



52, 13.062, 133.801



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, 58.298, 132.357



92, 73.345, 131.899



87, 58.306, 145.248



49, 7.744, 134.073



66, 89.300, 132.362



20, 36.793, 131.740

Inverse Universe

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



67, 60.549, 316.325



66, 76.733, 316.665



70, 58.243, 331.523



47, 7.816, 314.844



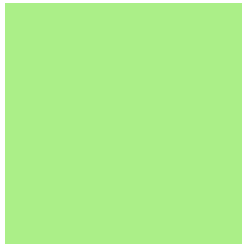
33, 94.273, 316.144



6, 40.072, 317.220

Previews

White Background



This preview shows how the CIELCh color 88, 58.296, 132.356 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, 58.296, 132.356 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

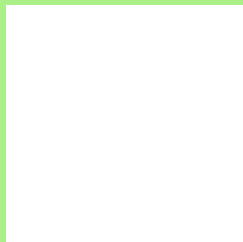
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 58.296, 132.356

Background



This preview shows how black text looks on a background with the CIELCh color 88, 58.296, 132.356.

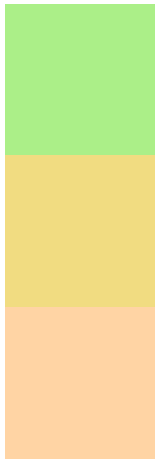


This preview shows how white text looks on a background with the CIELCh color 88, 58.296, 132.356.

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, 58.296, 132.356

Protanopia
88, 47.341, 95.645

Deuteranopia
87, 30.629, 73.714

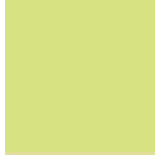


Tritanopia
88, 15.410, 236.552

Trichromacy



Original Color
88, 58.296, 132.356



Protanomaly
87, 48.913, 111.803



Deuteranomaly
87, 35.020, 105.909

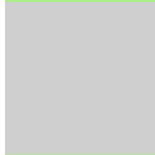


Tritanomaly
88, 22.172, 160.204

Monochromacy



Original Color
88, 58.296, 132.356



Achromatopsia
83, 0.010, 296.813



Achromatomaly
85, 22.017, 133.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 58.296, 132.356 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(171, 239, 136)` looks like.

```
.text, #text, p{  
    color:rgb(171, 239, 136)  
}
```

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(171, 239, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 239, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 58.296, 132.356 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(171, 239, 136) }
```

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

```
.border{ border-color:rgb(171, 239, 136) }
```

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

Here you see how a box with a 4 pixel rgb(171, 239, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 239, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 239, 136);  
box-shadow:4px 4px 4px 4px rgb(171, 239,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 58.296, 132.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 239, 136) }
```

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

```
.background{ background-color: rgb(171,  
239, 136) }
```

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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