

Converting Colors

CIELCh(88, 20.410, 145.989)

Have a look what the booklet for
CIELCh(88, 20.410, 145.989)
contains.

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Color

CIELCh(88, 20.428, 145.985)

Conversions

Conversions Part 1

Format	Color
Hex	C3E5C6
RGB	195, 229, 198
RGB Percent	76%, 90%, 78%
CMY	0.2335, 0.1001, 0.2217
CMYK	0.15, 0.00, 0.14, 0.10
HSL	125°, 40%, 83%
HSV	125°, 15%, 90%
XYZ	61.0236, 72.0653, 64.4003
YIQ	215.3000, -10.3130, -16.8490

Conversions

Conversions Part 2

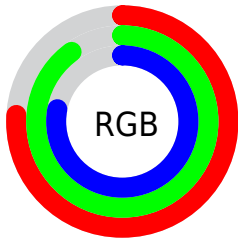
Format	Color
RYB	195, 226, 229
Decimal	12838342
CIELab	88.00, -16.93, 11.43
CIElCh	88, 20.428, 145.985
Yxy	72.0653, 0.3090, 0.3649
Android (android.graphics.Color)	4291028422 (0xFFC3E5C6)
YUV	215.3000, -8.5289, -17.8031
Hunter-Lab	84.8913, -20.2461, 14.4452

Details

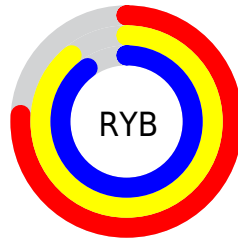
The CIELCh color **88, 20.428, 145.985** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 20.464, 327.758**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.042, 199.975**, and **68, 20.207, 145.900** is the 20% darker color. If you saturate the color by 10%, you get **86, 34.286, 145.201**, and if you desaturate by 10%, it is **90, 6.602, 146.680**.

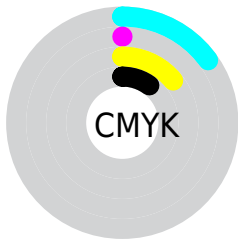
Distribution



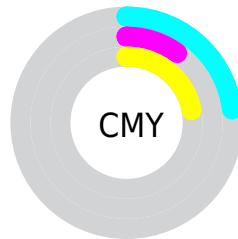
- Red (76%)
- Green (90%)
- Blue (78%)



- Red (76%)
- Yellow (89%)
- Blue (90%)



- Cyan (15%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)





- Cyan (23%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 20.428, 145.985 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, 20.428, 145.985 by changing the saturation by 10% instead.


 88, 20.428,
145.985


 88, 20.428,
145.985


 100, 20.428,
145.985


 78, 20.428,
145.985

 68, 20.428,
145.985

 58, 20.428,
145.985

 48, 20.428,
145.985

 38, 20.428,
145.985


 28, 20.428,
145.985


 18, 20.428,


145.985

 8, 20.428, 145.985


 0, 20.428, 145.985

 88, 20.428,
145.985


 88, 20.428,
145.985


 86, 34.286,
145.201


 90, 6.602, 146.680

 85, 47.956,
144.291

 92, 7.040, 327.155

 83, 61.164,
143.243

 94, 15.946,
324.976

 82, 73.575,
142.059

 81, 84.804,

140.766

■ 81, 94.424,
139.424

■ 80, 102.002,
138.138

■ 80, 107.182,
137.047

■ 80, 108.928,
136.643

Harmonies

Complementary

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



88, 20.428, 145.985



83, 20.464, 327.758

Rectangle

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



88, 20.428, 145.985



88, 20.428, 195.985



88, 20.428, 325.985



88, 20.428, 15.985

Sweetspot

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



88, 20.430, 145.985



99, 5.958, 146.738



90, 17.587, 112.209



53, 4.238, 146.683



0, 0.000, 0.000



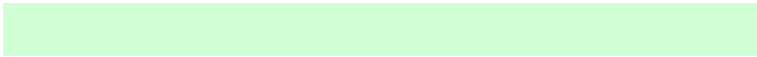
53, 0.007, 296.813

Same Dimension

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



88, 20.430, 145.985



96, 27.056, 145.740



88, 14.198, 167.084



47, 7.805, 146.363



63, 89.924, 136.799



17, 35.153, 140.368

Inverse Universe

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



83, 20.464, 327.758



89, 27.098, 327.952



82, 14.590, 349.747



45, 7.820, 327.437



41, 82.530, 332.076



8, 35.003, 331.434

Previews

White Background



This preview shows how the CIELCh color 88, 20.428, 145.985 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 CIE LCh color 88, 20.428, 145.985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

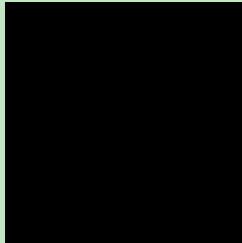
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

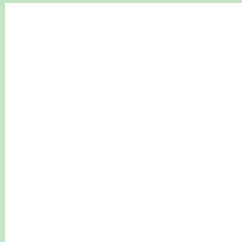
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 20.428, 145.985

Background



This preview shows how black text looks on a background with the CIELCh color 88, 20.428, 145.985.

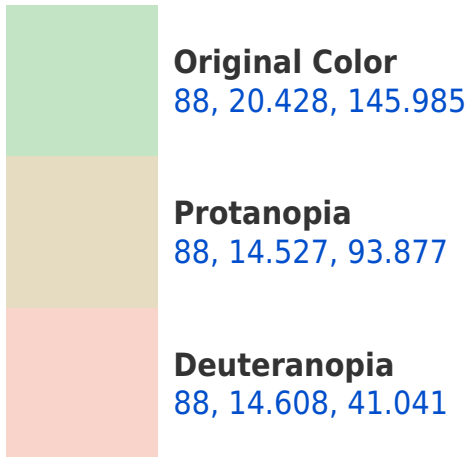


This preview shows how white text looks on a background with the CIELCh color 88, 20.428, 145.985.

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, 11.435, 254.687

Trichromacy



Original Color
88, 20.428, 145.985

Protanomaly
88, 14.726, 117.712

Deuteranomaly
87, 9.748, 84.477

Tritanomaly
88, 8.684, 202.337

Monochromacy



Original Color
88, 20.428, 145.985

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 7.237, 146.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 20.428, 145.985 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(195, 229, 198)` looks like.

```
.text, #text, p{  
    color:rgb(195, 229, 198)  
}
```

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(195, 229, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 229, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 20.428, 145.985 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(195, 229, 198) }
```

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

```
.border{ border-color:rgb(195, 229, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 229, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 229, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 229, 198);  
box-shadow:4px 4px 4px 4px rgb(195, 229,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 20.428, 145.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 229, 198) }
```

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

```
.background{ background-color: rgb(195,  
229, 198) }
```

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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