

Converting Colors

CIELCh(88, 29.422, 151.158)

Have a look what the booklet for
CIELCh(88, 29.422, 151.158)
contains.

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Color

CIELCh(88, 29.467, 151.199)

Conversions

Conversions Part 1

Format	Color
Hex	B2EAC1
RGB	178, 234, 193
RGB Percent	70%, 92%, 76%
CMY	0.3024, 0.0829, 0.2436
CMYK	0.24, 0.00, 0.18, 0.08
HSL	136°, 57%, 81%
HSV	136°, 24%, 92%
XYZ	57.3280, 72.0653, 61.2664
YIQ	212.5820, -20.2150, -24.6230

Conversions

Conversions Part 2

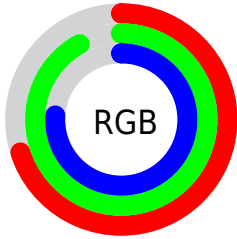
Format	Color
RYB	178, 222, 234
Decimal	11725505
CIELab	88.00, -25.82, 14.20
CIELCh	88, 29.467, 151.199
Yxy	72.0653, 0.3007, 0.3780
Android (android.graphics.Color)	4289915585 (0xFFB2EAC1)
YUV	212.5820, -9.6539, -30.3284
Hunter-Lab	84.8913, -28.0168, 16.6340

Details

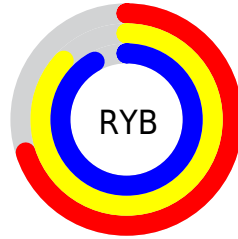
The CIELCh color **88, 29.467, 151.199** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 29.688, 334.660**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 7.723, 179.713**, and **68, 29.648, 151.013** is the 20% darker color. If you saturate the color by 10%, you get **86, 41.650, 150.223**, and if you desaturate by 10%, it is **90, 17.133, 152.049**.

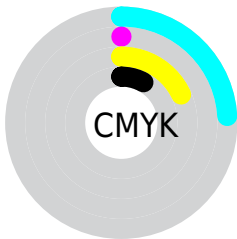
Distribution



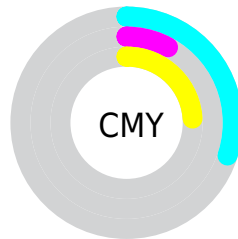
- Red (70%)
- Green (92%)
- Blue (76%)



- Red (70%)
- Yellow (87%)
- Blue (92%)



- Cyan (24%)
- Magenta (0%)
- Yellow (18%)
- Black (8%)



- Cyan (30%)
- Magenta (8%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 29.467, 151.199 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, 29.467, 151.199 by changing the saturation by 10% instead.

 88, 29.467,
151.199

 88, 29.467,
151.199


 100, 29.467,
151.199


 78, 29.467,
151.199

 68, 29.467,
151.199

 58, 29.467,
151.199

 48, 29.467,
151.199

 38, 29.467,
151.199


 28, 29.467,
151.199

 18, 29.467,


151.199


 8, 29.467, 151.199


 0, 29.467, 151.199

 88, 29.467,
151.199

 88, 29.467,
151.199

 86, 41.650,
150.223


 90, 17.133,
152.049


 85, 53.469,
149.098

 92, 4.814, 152.834

 84, 64.686,
147.803

 94, 7.356, 333.344

 83, 75.053,
146.327

 95, 13.189,
324.876

 82, 84.331,

144.675

■ 82, 92.321,
142.877

■ 81, 98.888,
141.003

■ 81, 102.204,
139.918

Harmonies

Complementary

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



88, 29.467, 151.199



79, 29.688, 334.660

Rectangle

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



88, 29.467, 151.199



88, 29.467, 201.199



88, 29.467, 331.199



88, 29.467, 21.199

Sweetspot

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



88, 29.469, 151.199



98, 9.192, 152.585



90, 29.297, 119.072



52, 5.975, 152.538



0, 0.000, 0.000



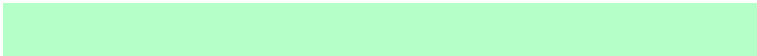
53, 0.007, 296.813

Same Dimension

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



88, 29.469, 151.199



94, 38.249, 150.709



89, 20.420, 178.492



48, 6.983, 152.398



64, 83.735, 140.244



18, 33.092, 143.794

Inverse Universe

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



79, 29.688, 334.660



82, 38.563, 335.050



78, 22.312, 3.291



46, 7.014, 333.616



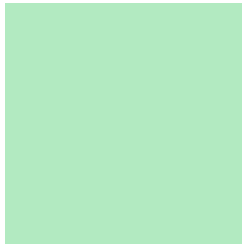
40, 72.925, 342.554



8, 32.096, 339.935

Previews

White Background



This preview shows how the CIELCh color 88, 29.467, 151.199 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, 29.467, 151.199 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

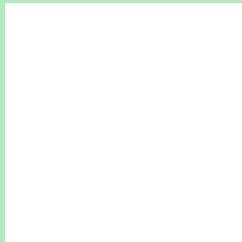
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 29.467, 151.199

Background



This preview shows how black text looks on a background with the CIELCh color 88, 29.467, 151.199.

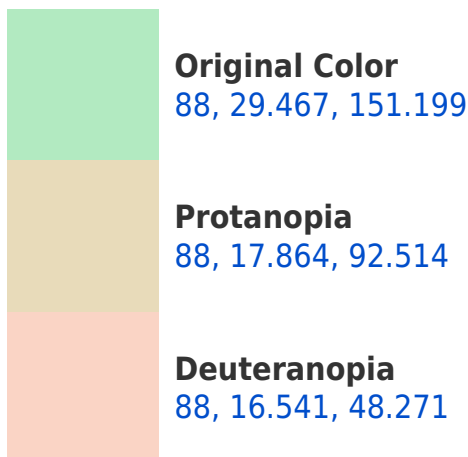



This preview shows how white text looks on a background with the CIELCh color 88, 29.467, 151.199.

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



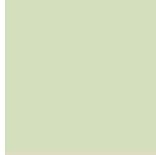


Tritanopia
88, 15.895, 235.152

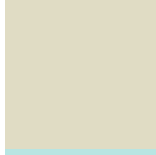
Trichromacy



Original Color
88, 29.467, 151.199



Protanomaly
87, 18.740, 122.563



Deuteranomaly
87, 12.565, 102.262

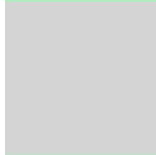


Tritanomaly
88, 15.430, 192.526

Monochromacy



Original Color
88, 29.467, 151.199



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 10.744, 151.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 29.467, 151.199 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(178, 234, 193)` looks like.

```
.text, #text, p{  
    color:rgb(178, 234, 193)  
}
```

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(178, 234, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 234, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 29.467, 151.199 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(178, 234, 193) }
```

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

```
.border{ border-color:rgb(178, 234, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 234, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 234, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 234, 193);  
box-shadow:4px 4px 4px 4px rgb(178, 234,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 29.467, 151.199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 234, 193) }
```

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

```
.background{ background-color: rgb(178,  
234, 193) }
```

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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