

Converting Colors

CIELCh(88, 30.111, 162.623)

Have a look what the booklet for
CIELCh(88, 30.111, 162.623)
contains.

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Color

CIElCh(88, 30.237, 162.720)

Conversions

Conversions Part 1

Format	Color
Hex	A5ECCB
RGB	165, 236, 203
RGB Percent	65%, 93%, 80%
CMY	0.3542, 0.0758, 0.2052
CMYK	0.30, 0.00, 0.14, 0.08
HSL	152°, 65%, 79%
HSV	152°, 30%, 92%
XYZ	56.0951, 72.0653, 67.2564
YIQ	211.0090, -31.7230, -25.3150

Conversions

Conversions Part 2

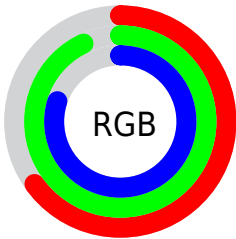
Format	Color
RYB	165, 211, 236
Decimal	10874059
CIELab	88.00, -28.87, 8.98
CIELCh	88, 30.237, 162.720
Yxy	72.0653, 0.2871, 0.3688
Android (android.graphics.Color)	4289064139 (0xFFA5ECCB)
YUV	211.0090, -3.9484, -40.3499
Hunter-Lab	84.8913, -30.6091, 12.4505

Details

The CIELCh color **88, 30.237, 162.720** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75, 31.613, 348.537**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.478, 198.739**, and **68, 30.254, 162.686** is the 20% darker color. If you saturate the color by 10%, you get **87, 39.778, 161.526**, and if you desaturate by 10%, it is **90, 20.346, 163.787**.

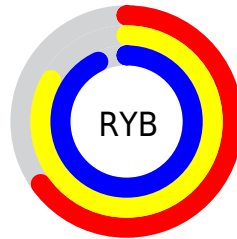
Distribution



Red (65%)

Green (93%)

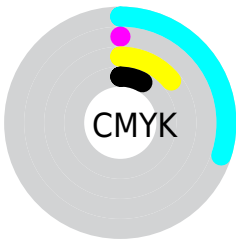
Blue (80%)



Red (65%)

Yellow (83%)

Blue (93%)

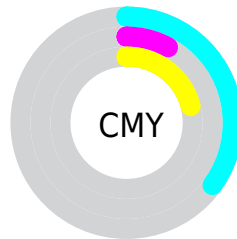


Cyan (30%)

Magenta (0%)

Yellow (14%)

Black (8%)



Cyan (35%)

Magenta (8%)

Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 30.237, 162.720 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, 30.237, 162.720 by changing the saturation by 10% instead.

 88, 30.237,
162.720

 88, 30.237,
162.720


 100, 30.237,
162.720


 78, 30.237,
162.720

 68, 30.237,
162.720

 58, 30.237,
162.720

 48, 30.237,
162.720

 38, 30.237,
162.720


 28, 30.237,
162.720


 18, 30.237,


162.720


 8, 30.237, 162.720


 0, 30.237, 162.720


 88, 30.237,
162.720


 88, 30.237,
162.720


 87, 39.778,
161.526


 90, 20.346,
163.787

 85, 48.793,
160.182

 91, 10.260,
164.765


 85, 57.111,
158.662

 93, 0.116, 169.661

 84, 64.588,
156.941

 95, 8.843, 341.103

 83, 71.129,

 95, 12.057,
324.835

155.005

 83, 76.717,
152.857

 83, 81.454,
150.599

Harmonies

Complementary

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



88, 30.237, 162.720



75, 31.613, 348.537

Rectangle

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



88, 30.237, 162.720



88, 30.237, 212.720



88, 30.237, 342.720



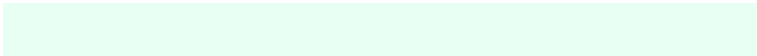
88, 30.237, 32.720

Sweetspot

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



88, 30.238, 162.719



98, 9.725, 164.868



89, 39.161, 128.834



52, 6.758, 164.729



0, 0.000, 0.000



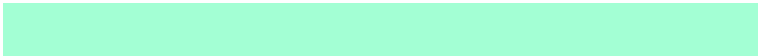
53, 0.007, 296.813

Same Dimension

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



88, 30.238, 162.719



93, 38.261, 162.016



88, 22.212, 201.179



48, 5.737, 164.827



65, 66.292, 151.024



19, 26.299, 155.013

Inverse Universe

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



75, 31.613, 348.537



77, 40.330, 349.283



75, 27.439, 24.427



46, 5.823, 346.369



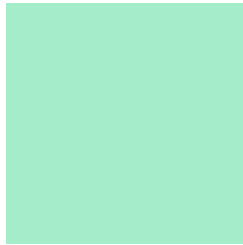
39, 65.301, 5.307



8, 28.311, 357.941

Previews

White Background



This preview shows how the CIE LCh color 88, 30.237, 162.720 looks on a white background.

Color Contrast Check

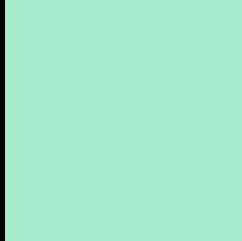
Large Text (above 18pt) WCAG AA × Fail

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, 30.237, 162.720 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

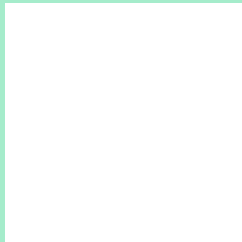
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 30.237, 162.720

Background



This preview shows how black text looks on a background with the CIELCh color 88, 30.237, 162.720.

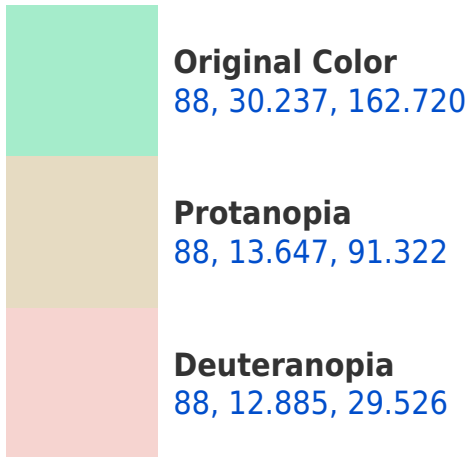


This preview shows how white text looks on a background with the CIELCh color 88, 30.237, 162.720.

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



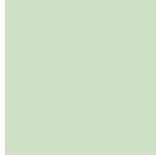


Tritanopia
88, 19.874, 228.569

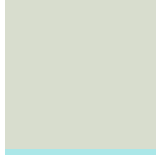
Trichromacy



Original Color
88, 30.237, 162.720



Protanomaly
87, 16.214, 134.523



Deuteranomaly
87, 8.038, 122.692

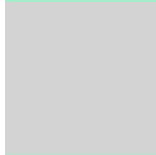


Tritanomaly
88, 19.768, 199.636

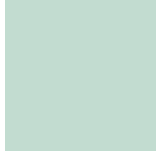
Monochromacy



Original Color
88, 30.237, 162.720



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 11.302, 164.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 30.237, 162.720 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(165, 236, 203)` looks like.

```
.text, #text, p{  
    color:rgb(165, 236, 203)  
}
```

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(165, 236, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 236, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 30.237, 162.720 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(165, 236, 203) }
```

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

```
.border{ border-color:rgb(165, 236, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 236, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 236, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 236, 203);  
box-shadow:4px 4px 4px 4px rgb(165, 236,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 30.237, 162.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 236, 203) }
```

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

```
.background{ background-color: rgb(165,  
236, 203) }
```

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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