

Converting Colors

CIELCh(88, 15.561, 158.875)

Have a look what the booklet for
CIELCh(88, 15.561, 158.875)
contains.

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Color

CIELCh(88, 15.756, 159.416)

Conversions

Conversions Part 1

Format	Color
Hex	C3E5D2
RGB	195, 229, 210
RGB Percent	76%, 90%, 82%
CMY	0.2365, 0.1032, 0.1777
CMYK	0.15, 0.00, 0.08, 0.10
HSL	146°, 39%, 83%
HSV	146°, 15%, 90%
XYZ	61.9545, 72.0653, 71.4169
YIQ	216.6680, -14.1650, -13.1170

Conversions

Conversions Part 2

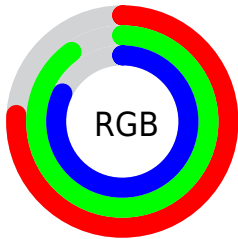
Format	Color
RYB	195, 219, 229
Decimal	12838354
CIELab	88.00, -14.75, 5.54
CIELCh	88, 15.756, 159.416
Yxy	72.0653, 0.3016, 0.3508
Android (android.graphics.Color)	4291028434 (0xFFC3E5D2)
YUV	216.6680, -3.2873, -19.0028
Hunter-Lab	84.8913, -18.2885, 9.5447

Details

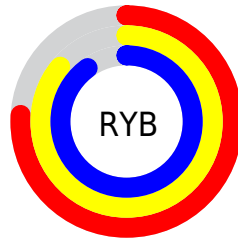
The CIELCh color **88, 15.756, 159.416** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 15.985, 341.791**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.042, 199.975**, and **68, 15.302, 160.470** is the 20% darker color. If you saturate the color by 10%, you get **86, 26.311, 158.454**, and if you desaturate by 10%, it is **90, 5.142, 160.315**.

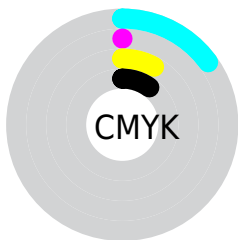
Distribution



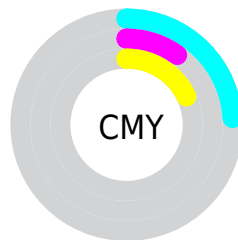
- Red (76%)
- Green (90%)
- Blue (82%)



- Red (76%)
- Yellow (86%)
- Blue (90%)



- Cyan (15%)
- Magenta (0%)
- Yellow (8%)
- Black (10%)





- Cyan (24%)
- Magenta (10%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 15.756, 159.416 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, 15.756, 159.416 by changing the saturation by 10% instead.


 88, 15.756,
159.416


 88, 15.756,
159.416


 100, 15.756,
159.416


 78, 15.756,
159.416

 68, 15.756,
159.416

 58, 15.756,
159.416

 48, 15.756,
159.416

 38, 15.756,
159.416


 28, 15.756,
159.416


 18, 15.756,

159.416

 8, 15.756, 159.416


 0, 15.756, 159.416

 88, 15.756,
159.416


 88, 15.756,
159.416


 86, 26.311,
158.454


 90, 5.142, 160.315


 85, 36.652,
157.375

 92, 5.415, 340.911

 84, 46.608,
156.151

 93, 13.667,
333.559

 83, 55.993,
154.755

 94, 16.442,
324.994

 82, 64.627,

153.166

■ 81, 72.363,
151.367

■ 81, 79.113,
149.360

■ 80, 84.877,
147.173

■ 80, 87.546,
146.043

Harmonies

Complementary

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



88, 15.756, 159.416



82, 15.985, 341.791

Rectangle

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



88, 15.756, 159.416



88, 15.756, 209.416



88, 15.756, 339.416



88, 15.756, 29.416

Sweetspot

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



88, 15.758, 159.414



99, 4.615, 160.399



89, 18.458, 125.999



53, 3.282, 160.323



0, 0.000, 0.000



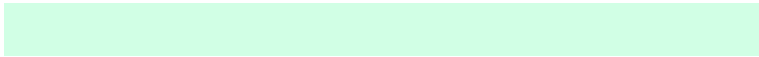
53, 0.007, 296.813

Same Dimension

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



88, 15.758, 159.414



96, 20.840, 159.114



88, 11.807, 192.874



47, 6.033, 159.898



64, 72.120, 146.438



18, 27.751, 150.618

Inverse Universe

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



82, 15.985, 341.791



88, 21.200, 342.082



82, 12.841, 15.065



45, 6.092, 341.319



39, 65.828, 356.435



7, 28.283, 350.618

Previews

White Background



This preview shows how the CIELCh color 88, 15.756, 159.416 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, 15.756, 159.416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

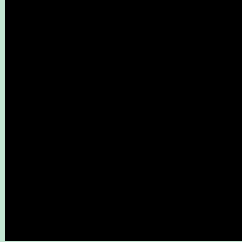
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

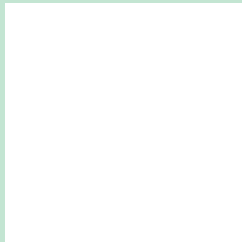
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 15.756, 159.416

Background



This preview shows how black text looks on a background with the CIELCh color 88, 15.756, 159.416.

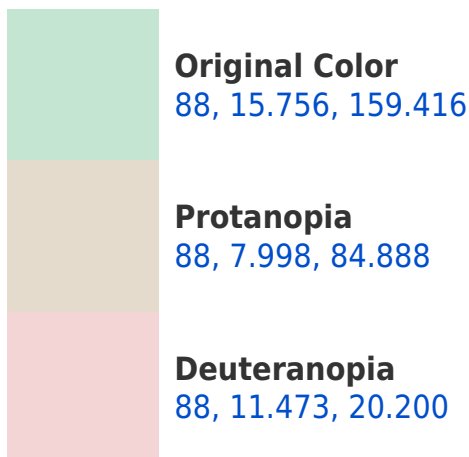


This preview shows how white text looks on a background with the CIELCh color 88, 15.756, 159.416.

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](#).

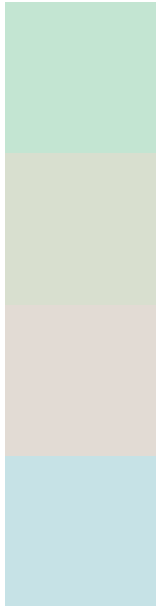
Dichromacy





Tritanopia
88, 12.215, 249.588

Trichromacy



Original Color
88, 15.756, 159.416

Protanomaly
88, 8.728, 126.533

Deuteranomaly
88, 4.434, 74.576

Tritanomaly
88, 9.796, 211.180

Monochromacy



Original Color
88, 15.756, 159.416

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 5.962, 161.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 15.756, 159.416 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(195, 229, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 229, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 15.756, 159.416 is called "border". The border property can be set on classes, ids or directly on the HTML element.

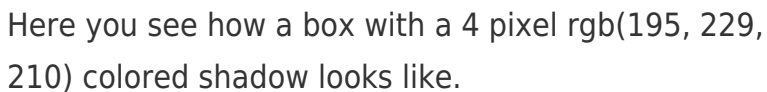
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 229, 210) }
```

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

```
.border{ border-color:rgb(195, 229, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 229, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 229, 210); box-shadow:4px 4px 4px 4px rgb(195, 229, 210) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 15.756, 159.416 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, 210) }
```

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

```
.background{ background-color: rgb(195,  
229, 210) }
```

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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