

Converting Colors

CIELCh(88, 19.107, 153.004)

Have a look what the booklet for
CIELCh(88, 19.107, 153.004)
contains.

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Color

CIELCh(88, 19.091, 153.010)

Conversions

Conversions Part 1

Format	Color
Hex	C1E6CC
RGB	193, 230, 204
RGB Percent	76%, 90%, 80%
CMY	0.2443, 0.0992, 0.2012
CMYK	0.16, 0.00, 0.11, 0.10
HSL	138°, 42%, 83%
HSV	138°, 16%, 90%
XYZ	60.9900, 72.0653, 67.6332
YIQ	215.9730, -13.7060, -15.9300

Conversions

Conversions Part 2

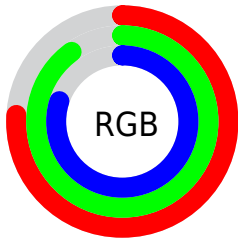
Format	Color
RYB	193, 222, 230
Decimal	12707532
CIELab	88.00, -17.01, 8.66
CIElCh	88, 19.091, 153.010
Yxy	72.0653, 0.3039, 0.3591
Android (android.graphics.Color)	4290897612 (0xFFC1E6CC)
YUV	215.9730, -5.9027, -20.1473
Hunter-Lab	84.8913, -20.3167, 12.1873

Details

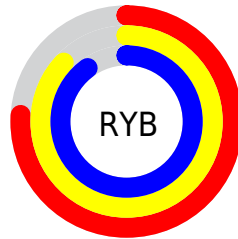
The CIELCh color **88, 19.091, 153.010** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **82, 19.225, 335.281**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 1.735, 199.677**, and **68, 18.796, 153.370** is the 20% darker color. If you saturate the color by 10%, you get **86, 30.959, 152.120**, and if you desaturate by 10%, it is **90, 7.204, 153.809**.

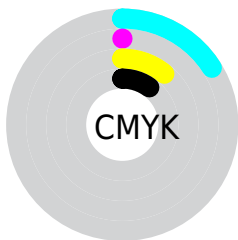
Distribution



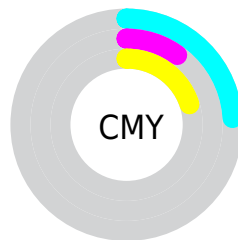
- Red (76%)
- Green (90%)
- Blue (80%)



- Red (76%)
- Yellow (87%)
- Blue (90%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)





- Cyan (24%)
- Magenta (10%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 19.091, 153.010 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, 19.091, 153.010 by changing the saturation by 10% instead.


 88, 19.091,
153.010


 88, 19.091,
153.010


 100, 19.091,
153.010


 78, 19.091,
153.010

 68, 19.091,
153.010

 58, 19.091,
153.010

 48, 19.091,
153.010

 38, 19.091,
153.010


 28, 19.091,
153.010


 18, 19.091,


153.010

 8, 19.091, 153.010


 0, 19.091, 153.010

 88, 19.091,
153.010


 88, 19.091,
153.010


 86, 30.959,
152.120

 90, 7.204, 153.809


 85, 42.629,
151.100

 92, 4.575, 334.348

 83, 53.899,
149.927

 94, 14.623,
328.253

 82, 64.542,
148.578

 94, 15.811,
324.971

 82, 74.328,

147.043

■ 81, 83.049,
145.323

■ 80, 90.545,
143.450

■ 80, 96.730,
141.493

■ 80, 98.840,
140.771

Harmonies

Complementary

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



88, 19.091, 153.010



82, 19.225, 335.281

Rectangle

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



88, 19.091, 153.010



88, 19.091, 203.010



88, 19.091, 333.010



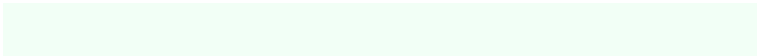
88, 19.091, 23.010

Sweetspot

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



88, 19.093, 153.009



99, 6.415, 153.897



90, 19.518, 120.221



53, 4.379, 153.839



0, 0.000, 0.000



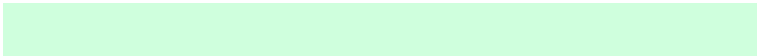
53, 0.007, 296.813

Same Dimension

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



88, 19.093, 153.009



96, 24.530, 152.754



88, 13.590, 180.548



47, 6.711, 153.545



64, 81.198, 141.116



17, 31.229, 145.032

Inverse Universe

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



82, 19.225, 335.281



88, 24.722, 335.505



81, 14.450, 3.561



45, 6.744, 334.791



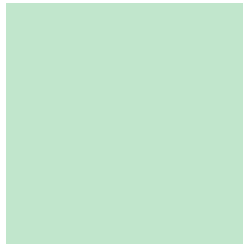
40, 70.786, 344.633



7, 30.580, 341.424

Previews

White Background



This preview shows how the CIELCh color 88, 19.091, 153.010 looks on a white background.

Color Contrast Check

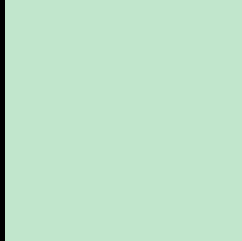
Large Text (above 18pt) WCAG AA × Fail

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, 19.091, 153.010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

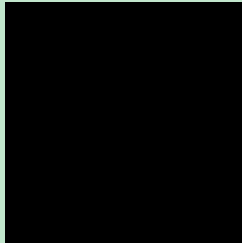
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

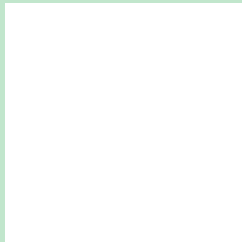
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 19.091, 153.010

Background



This preview shows how black text looks on a background with the CIELCh color 88, 19.091, 153.010.

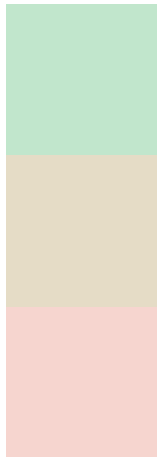


This preview shows how white text looks on a background with the CIELCh color 88, 19.091, 153.010.

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, 19.091, 153.010

Protanopia
88, 11.916, 92.735

Deuteranopia
88, 12.757, 34.320



Tritanopia
88, 12.424, 248.426

Trichromacy



Original Color
88, 19.091, 153.010

Protanomaly
88, 12.832, 122.472

Deuteranomaly
88, 7.369, 85.917

Tritanomaly
88, 10.022, 204.790

Monochromacy



Original Color
88, 19.091, 153.010

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 6.673, 154.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 19.091, 153.010 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(193, 230, 204)` looks like.

```
.text, #text, p{  
    color:rgb(193, 230, 204)  
}
```

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(193, 230, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 230, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 19.091, 153.010 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(193, 230, 204) }
```

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

```
.border{ border-color:rgb(193, 230, 204) }
```

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

Here you see how a box with a 4 pixel rgb(193, 230, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 230, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 230, 204);  
box-shadow:4px 4px 4px 4px rgb(193, 230,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 19.091, 153.010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 230, 204) }
```

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

```
.background{ background-color: rgb(193,  
230, 204) }
```

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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