

Converting Colors

CIELCh(88, 12.806, 206.438)

Have a look what the booklet for
CIELCh(88, 12.806, 206.438)
contains.

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Color

CIELCh(88, 12.953, 205.565)

Conversions

Conversions Part 1

Format	Color
Hex	BEE4E7
RGB	190, 228, 231
RGB Percent	75%, 89%, 91%
CMY	0.2556, 0.1066, 0.0949
CMYK	0.18, 0.01, 0.00, 0.09
HSL	184°, 46%, 82%
HSV	184°, 18%, 91%
XYZ	63.2780, 72.0653, 86.0361
YIQ	216.9800, -23.6110, -7.1230

Conversions

Conversions Part 2

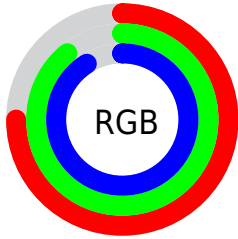
Format	Color
R_{YB}	190, 210, 231
Decimal	12510439
CIE _{Lab}	88.00, -11.68, -5.59
CIE _{LCh}	88, 12.953, 205.565
Yxy	72.0653, 0.2858, 0.3255
Android (android.graphics.Color)	4290700519 (0xFFBEE4E7)
YUV	216.9800, 6.9119, -23.6615
Hunter-Lab	84.8913, -15.5057, -0.6657

Details

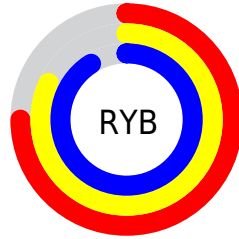
The CIELCh color **88, 12.953, 205.565** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 14.600, 26.692**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.770, 199.469**, and **68, 13.069, 203.225** is the 20% darker color. If you saturate the color by 10%, you get **86, 19.552, 205.404**, and if you desaturate by 10%, it is **90, 5.824, 205.841**.

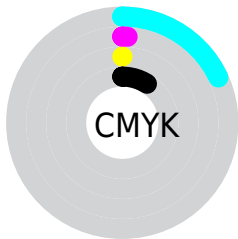
Distribution



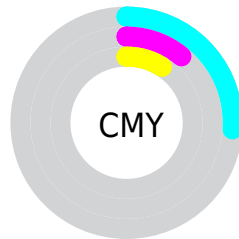
- Red (75%)
- Green (89%)
- Blue (91%)



- Red (75%)
- Yellow (82%)
- Blue (91%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)




- Cyan (26%)
- Magenta (11%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 12.953, 205.565 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, 12.953, 205.565 by changing the saturation by 10% instead.


 88, 12.953,
205.565


 88, 12.953,
205.565

 100, 12.953,
205.565


 78, 12.953,
205.565

 68, 12.953,
205.565

 58, 12.953,
205.565

 48, 12.953,
205.565

 38, 12.953,
205.565

 28, 12.953,
205.565

 18, 12.953,

205.565

■ 8, 12.953, 205.565

■ 0, 12.953, 205.565

■ 88, 12.953,
205.565

■ 88, 12.953,
205.565

■ 86, 19.552,
205.404

■ 90, 5.824, 205.841

■ 85, 25.495,
205.368

■ 92, 1.720, 25.669

■ 94, 8.083, 27.381

■ 83, 30.656,
205.468

■ 94, 7.645, 34.346

■ 82, 34.926,
205.727

■ 95, 7.333, 42.023

■ 95, 7.165, 50.212

■ 81, 38.224,

206.172

96, 7.149, 58.605

80, 40.516,
206.830

96, 7.287, 66.846

79, 41.831,
207.724

96, 7.569, 74.617

78, 42.297,
208.862

78, 42.349,
209.133

Harmonies

Complementary

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



88, 12.953, 205.565



81, 14.600, 26.692

Rectangle

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



88, 12.953, 205.565



88, 12.953, 255.565



88, 12.953, 25.565



88, 12.953, 75.565

Sweetspot

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



88, 12.954, 205.557



99, 4.096, 205.972



88, 24.994, 145.144



53, 2.789, 205.933



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, 12.954, 205.557



95, 16.425, 205.493



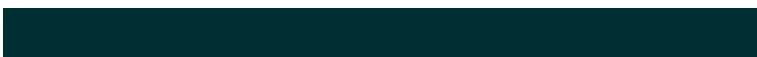
83, 13.531, 264.859



47, 4.224, 205.779



62, 34.984, 208.901



17, 14.856, 206.802

Inverse Universe

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



81, 24.916, 327.477



87, 31.962, 327.672



86, 13.909, 79.972



45, 7.902, 326.987



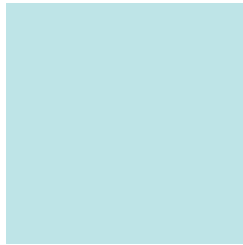
42, 83.511, 331.365



8, 35.355, 330.849

Previews

White Background



This preview shows how the CIELCh color 88, 12.953, 205.565 looks on a white background.

Color Contrast Check

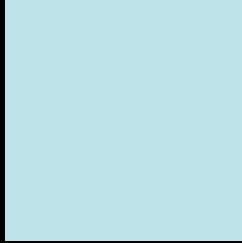
Large Text (above 18pt) WCAG AA × Fail

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, 12.953, 205.565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

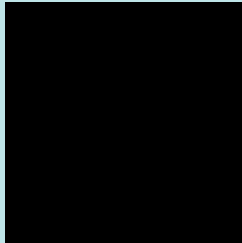
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 12.953, 205.565

Background



This preview shows how black text looks on a background with the CIELCh color 88, 12.953, 205.565.

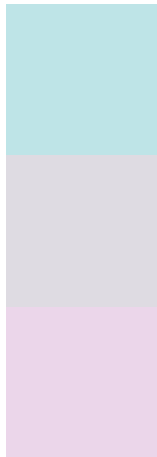


This preview shows how white text looks on a background with the CIELCh color 88, 12.953, 205.565.

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

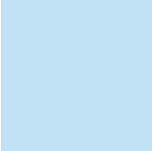
88, 12.953, 205.565

Protanopia

88, 3.831, 306.654

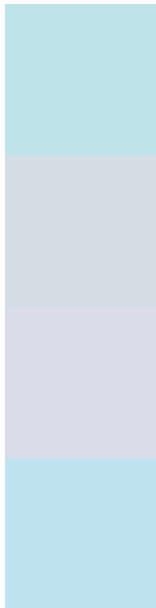
Deuteranopia

88, 12.894, 326.220



Tritanopia
88, 14.442, 239.634

Trichromacy



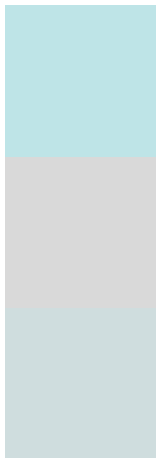
Original Color
88, 12.953, 205.565

Protanomaly
88, 5.190, 236.491

Deuteranomaly
88, 7.322, 290.792

Tritanomaly
88, 13.403, 226.719

Monochromacy



Original Color
88, 12.953, 205.565

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 4.955, 205.252

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 12.953, 205.565 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(190, 228, 231)` looks like.

```
.text, #text, p{  
    color:rgb(190, 228, 231)  
}
```

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(190, 228, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 228, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 12.953, 205.565 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(190, 228, 231) }
```

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

```
.border{ border-color:rgb(190, 228, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 228, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 228, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 228, 231);  
box-shadow:4px 4px 4px 4px rgb(190, 228,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 12.953, 205.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 228, 231) }
```

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

```
.background{ background-color: rgb(190,  
228, 231) }
```

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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