

Converting Colors

CIELCh(88, 53.616, 155.019)

Have a look what the booklet for
CIELCh(88, 53.616, 155.019)
contains.

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Color

CIELCh(88, 53.616, 155.019)

Conversions

Conversions Part 1

Format	Color
Hex	7DF4B0
RGB	125, 244, 176
RGB Percent	49%, 96%, 69%
CMY	0.5105, 0.0438, 0.3105
CMYK	0.49, 0.00, 0.28, 0.04
HSL	146°, 84%, 72%
HSV	146°, 49%, 96%
XYZ	48.5458, 72.0653, 52.3366
YIQ	200.6670, -49.0960, -46.3760

Conversions

Conversions Part 2

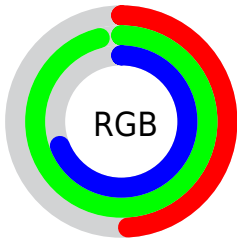
Format	Color
R _{YB}	125, 208, 244
Decimal	8254640
CIE Lab	88.00, -48.60, 22.64
CIE LCh	88, 53.616, 155.019
Yxy	72.0653, 0.2807, 0.4167
Android (android.graphics.Color)	4286444720 (0xFF7DF4B0)
YUV	200.6670, -12.1608, -66.3600
Hunter-Lab	84.8913, -46.4829, 22.8708

Details

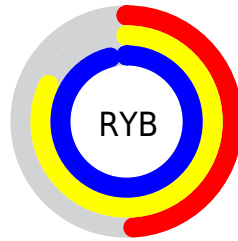
The CIELCh color **88, 53.616, 155.019** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **68, 55.401, 344.709**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 27.132, 171.827**, and **68, 53.748, 154.995** is the 20% darker color. If you saturate the color by 10%, you get **87, 63.319, 153.545**, and if you desaturate by 10%, it is **89, 43.230, 156.309**.

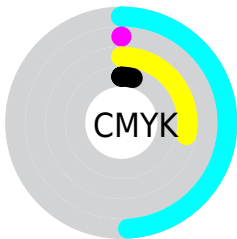
Distribution



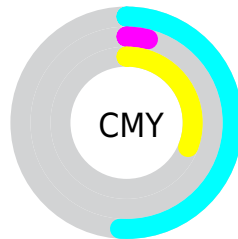
- Red (49%)
- Green (96%)
- Blue (69%)



- Red (49%)
- Yellow (82%)
- Blue (96%)



- Cyan (49%)
- Magenta (0%)
- Yellow (28%)
- Black (4%)





- Cyan (51%)
- Magenta (4%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 53.616, 155.019 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, 53.616, 155.019 by changing the saturation by 10% instead.


 88, 53.616,
155.019


 88, 53.616,
155.019


 100, 53.616,
155.019


 78, 53.616,
155.019

 68, 53.616,
155.019

 58, 53.616,
155.019

 48, 53.616,
155.019

 38, 53.616,
155.019


 28, 53.616,
155.019


 18, 53.616,


155.019


 8, 53.616, 155.019


 0, 53.616, 155.019


 88, 53.616,
155.019


 88, 53.616,
155.019


 87, 63.319,
153.545


 89, 43.230,
156.309

 86, 72.153,
151.868

 91, 32.359,
157.442

 86, 79.979,
149.979

 92, 21.197,
158.443

 85, 86.736,
147.891

 94, 9.914, 159.346


 85, 92.492,

 96, 1.346, 339.758

145.673



97, 6.963, 324.640

 85, 93.140,
145.418

Harmonies

Complementary

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



88, 53.616, 155.019



68, 55.401, 344.709

Rectangle

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



88, 53.616, 155.019



88, 53.616, 205.019



88, 53.616, 335.019



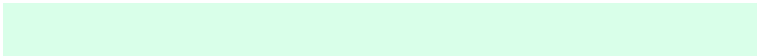
88, 53.616, 25.019

Sweetspot

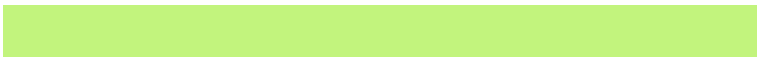
The Sweet Spot groups the original color and five complimentary colors.



88, 53.617, 155.019



97, 17.533, 158.792



91, 62.333, 123.710



51, 11.962, 158.598



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, 53.617, 155.019



90, 65.827, 153.492



89, 36.381, 188.844



50, 6.420, 159.286



66, 75.396, 145.824



21, 31.127, 149.342

Inverse Universe

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



68, 55.401, 344.709



66, 67.718, 346.158



66, 49.068, 18.879



48, 6.480, 340.702



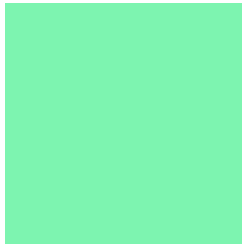
40, 68.181, 355.430



9, 31.080, 350.545

Previews

White Background



This preview shows how the CIELCh color 88, 53.616, 155.019 looks on a white background.

Color Contrast Check

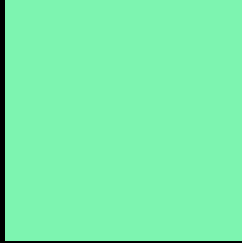
Large Text (above 18pt) WCAG AA × Fail

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, 53.616, 155.019 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, 53.616, 155.019

Background



This preview shows how black text looks on a background with the CIELCh color 88, 53.616, 155.019.

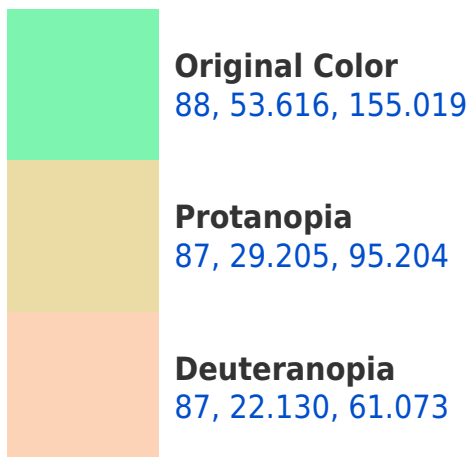


This preview shows how white text looks on a background with the CIELCh color 88, 53.616, 155.019.

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



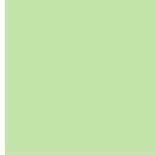


Tritanopia
88, 28.106, 218.679

Trichromacy



Original Color
88, 53.616, 155.019



Protanomaly
87, 33.490, 129.601



Deuteranomaly
87, 23.264, 124.362



Tritanomaly
88, 32.485, 185.121

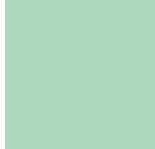
Monochromacy



Original Color
88, 53.616, 155.019



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 20.489, 157.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 53.616, 155.019 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(125, 244, 176)` looks like.

```
.text, #text, p{  
    color:rgb(125, 244, 176)  
}
```

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(125, 244, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 244, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 53.616, 155.019 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(125, 244, 176) }
```

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

```
.border{ border-color:rgb(125, 244, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 244, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 244, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 244, 176);  
box-shadow:4px 4px 4px 4px rgb(125, 244,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 53.616, 155.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 244, 176) }
```

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

```
.background{ background-color: rgb(125,  
244, 176) }
```

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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