

Converting Colors

CIELCh(86, 53.027, 150.338)

Have a look what the booklet for
CIELCh(86, 53.027, 150.338)
contains.

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Color

CIELCh(86, 52.929, 150.424)

Conversions

Conversions Part 1

Format	Color
Hex	84EDA4
RGB	132, 237, 164
RGB Percent	52%, 93%, 64%
CMY	0.4833, 0.0715, 0.3577
CMYK	0.44, 0.00, 0.31, 0.07
HSL	138°, 74%, 72%
HSV	138°, 44%, 93%
XYZ	46.3734, 67.9871, 45.6943
YIQ	197.2830, -39.1470, -44.9630

Conversions

Conversions Part 2

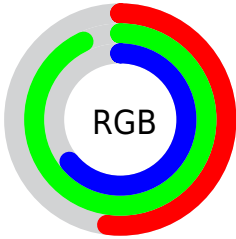
Format	Color
RYB	132, 212, 237
Decimal	8711588
CIELab	86.00, -46.03, 26.12
CIELCh	86, 52.929, 150.424
Yxy	67.9871, 0.2897, 0.4248
Android (android.graphics.Color)	4286901668 (0xFF84EDA4)
YUV	197.2830, -16.4085, -57.2532
Hunter-Lab	82.4543, -43.9042, 24.8608

Details

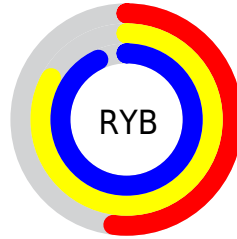
The CIELCh color **86, 52.929, 150.424** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **69, 53.504, 337.919**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 29.591, 158.982**, and **66, 52.517, 150.517** is the 20% darker color. If you saturate the color by 10%, you get **85, 63.894, 149.099**, and if you desaturate by 10%, it is **87, 41.366, 151.576**.

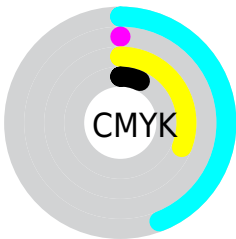
Distribution



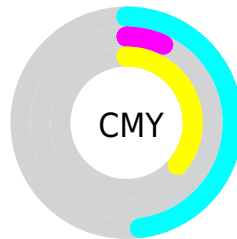
- Red (52%)
- Green (93%)
- Blue (64%)



- Red (52%)
- Yellow (83%)
- Blue (93%)



- Cyan (44%)
- Magenta (0%)
- Yellow (31%)
- Black (7%)





- Cyan (48%)
- Magenta (7%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 52.929, 150.424 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 86, 52.929, 150.424 by changing the saturation by 10% instead.


 86, 52.929,
150.424


 86, 52.929,
150.424


 100, 52.929,
150.424


 76, 52.929,
150.424

 66, 52.929,
150.424

 56, 52.929,
150.424

 46, 52.929,
150.424

 36, 52.929,
150.424


 26, 52.929,
150.424


 16, 52.929,


150.424


 6, 52.929, 150.424

 0, 52.929, 150.424

 86, 52.929,
150.424


 86, 52.929,
150.424


 85, 63.894,
149.099


 87, 41.366,
151.576

 84, 74.022,
147.587

 89, 29.430,
152.577

 83, 83.100,
145.886

 91, 17.325,
153.452

 83, 90.961,
144.020

 93, 5.220, 154.260

 82, 97.508,

 95, 6.755, 334.792

142.047

96, 11.377,
324.810

82, 100.680,
140.963

Harmonies

Complementary

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



86, 52.929, 150.424



69, 53.504, 337.919

Rectangle

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



86, 52.929, 150.424



86, 52.929, 200.424



86, 52.929, 330.424



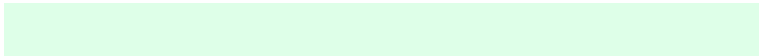
86, 52.929, 20.424

Sweetspot

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



86, 52.930, 150.424



97, 16.664, 153.558



89, 54.235, 119.250



51, 11.669, 153.376



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 52.930, 150.424



91, 66.308, 149.259



87, 35.422, 178.892



48, 6.795, 153.846



64, 81.662, 141.326



19, 32.232, 144.955

Inverse Universe

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



69, 53.504, 337.919



69, 66.699, 338.766



67, 42.936, 9.080



46, 6.830, 335.104



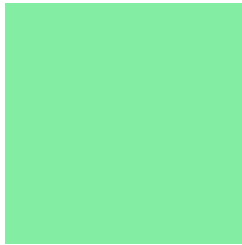
40, 71.178, 345.214



8, 31.389, 342.035

Previews

White Background



This preview shows how the CIELCh color 86, 52.929, 150.424 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 86, 52.929, 150.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

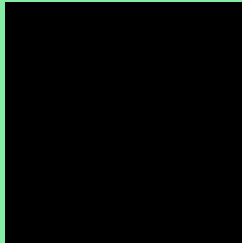
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 52.929, 150.424

Background



This preview shows how black text looks on a background with the CIELCh color 86, 52.929, 150.424.

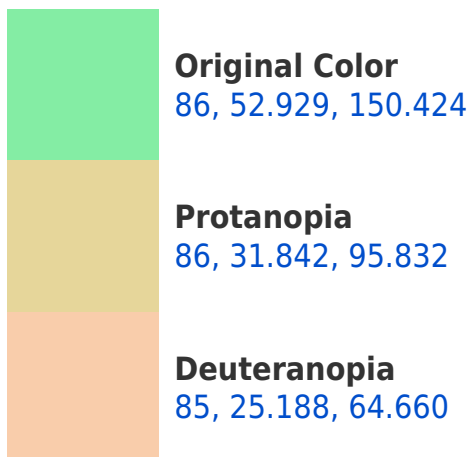


This preview shows how white text looks on a background with the CIELCh color 86, 52.929, 150.424.

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



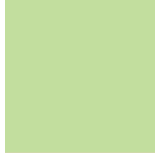


Tritanopia
86, 25.069, 221.647

Trichromacy



Original Color
86, 52.929, 150.424



Protanomaly
85, 34.883, 125.449



Deuteranomaly
85, 25.861, 117.453

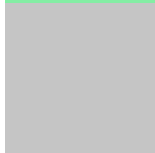


Tritanomaly
86, 29.620, 181.888

Monochromacy



Original Color
86, 52.929, 150.424



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 19.661, 153.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 52.929, 150.424 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(132, 237, 164)` looks like.

```
.text, #text, p{  
    color:rgb(132, 237, 164)  
}
```

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(132, 237, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 237, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 52.929, 150.424 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(132, 237, 164) }
```

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

```
.border{ border-color:rgb(132, 237, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 237, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 237, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 237, 164);  
box-shadow:4px 4px 4px 4px rgb(132, 237,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 52.929, 150.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 237, 164) }
```

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

```
.background{ background-color: rgb(132,  
237, 164) }
```

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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