

Converting Colors

CIELCh(86, 72.683, 142.060)

Have a look what the booklet for
CIELCh(86, 72.683, 142.060)
contains.

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Color

CIELCh(86, 73.064, 142.027)

Conversions

Conversions Part 1

Format	Color
Hex	75F17E
RGB	117, 241, 126
RGB Percent	46%, 95%, 49%
CMY	0.5424, 0.0561, 0.5070
CMYK	0.52, 0.00, 0.48, 0.06
HSL	124°, 81%, 70%
HSV	124°, 52%, 94%
XYZ	42.4052, 67.9871, 30.5319
YIQ	190.8140, -36.9890, -62.0530

Conversions

Conversions Part 2

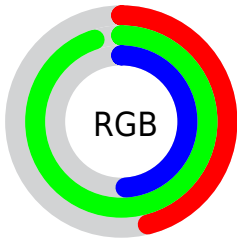
Format	Color
RYB	117, 233, 241
Decimal	7729534
CIELab	86.00, -57.60, 44.96
CIElCh	86, 73.064, 142.027
Yxy	67.9871, 0.3009, 0.4824
Android (android.graphics.Color)	4285919614 (0xFF75F17E)
YUV	190.8140, -31.9533, -64.7349
Hunter-Lab	82.4543, -52.4948, 35.7636

Details

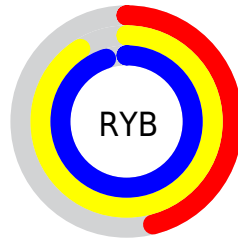
The CIELCh color **86, 73.064, 142.027** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **67, 72.510, 329.373**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 47.782, 143.580**, and **66, 73.145, 142.063** is the 20% darker color. If you saturate the color by 10%, you get **85, 85.252, 140.779**, and if you desaturate by 10%, it is **87, 59.739, 143.162**.

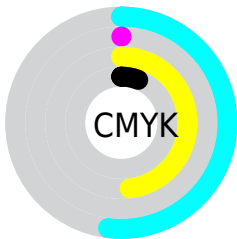
Distribution



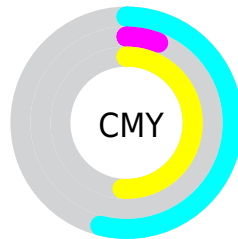
- Red (46%)
- Green (95%)
- Blue (49%)



- Red (46%)
- Yellow (91%)
- Blue (95%)



- Cyan (52%)
- Magenta (0%)
- Yellow (48%)
- Black (6%)





- Cyan (54%)
- Magenta (6%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 73.064, 142.027 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, 73.064, 142.027 by changing the saturation by 10% instead.


 86, 73.064,
142.027


 86, 73.064,
142.027


 100, 73.064,
142.027


 76, 73.064,
142.027

 66, 73.064,
142.027

 56, 73.064,
142.027

 46, 73.064,
142.027

 36, 73.064,
142.027


 26, 73.064,
142.027


 16, 73.064,


142.027


 6, 73.064, 142.027


 0, 73.064, 142.027


 86, 73.064,
142.027


 86, 73.064,
142.027


 85, 85.252,
140.779


 87, 59.739,
143.162


 84, 95.844,
139.473


 89, 45.680,
144.161

 84, 104.357,
138.209

 90, 31.228,
145.026

 83, 110.357,
137.123

 92, 16.658,
145.771

 83, 113.370,

 95, 2.178, 146.525

136.480



96, 8.915, 324.717

Harmonies

Complementary

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



86, 73.064, 142.027



67, 72.510, 329.373

Rectangle

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



86, 73.064, 142.027



86, 73.064, 192.027



86, 73.064, 322.027



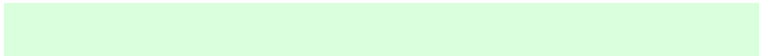
86, 73.064, 12.027

Sweetspot

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



86, 73.065, 142.027



97, 22.764, 145.521



92, 61.337, 108.436



51, 15.543, 145.364



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, 73.065, 142.027



89, 89.859, 140.693



87, 49.480, 161.727



49, 8.175, 145.913



65, 92.220, 136.622



19, 38.242, 139.116

Inverse Universe

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



67, 72.510, 329.373



67, 88.320, 329.906



65, 53.691, 353.629



47, 8.190, 326.984



43, 85.280, 331.362



10, 37.525, 330.897

Previews

White Background



This preview shows how the CIE LCh color 86, 73.064, 142.027 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, 73.064, 142.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

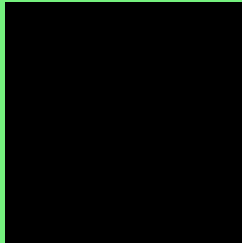
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 73.064, 142.027

Background



This preview shows how black text looks on a background with the CIELCh color 86, 73.064, 142.027.

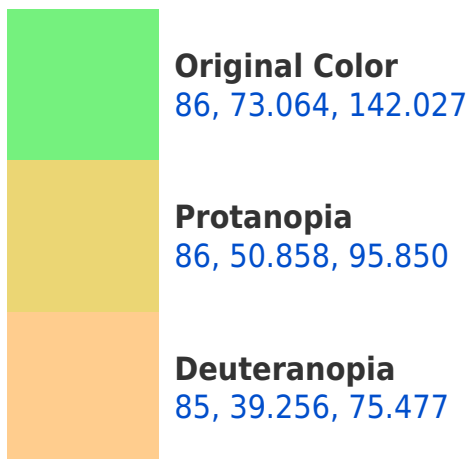



This preview shows how white text looks on a background with the CIELCh color 86, 73.064, 142.027.

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, 26.720, 219.998

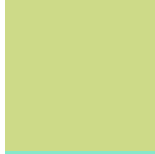
Trichromacy



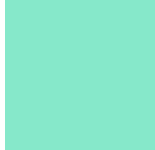
Original Color
86, 73.064, 142.027



Protanomaly
85, 54.227, 119.472



Deuteranomaly
84, 42.461, 113.628

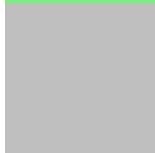


Tritanomaly
86, 36.185, 171.098

Monochromacy



Original Color
86, 73.064, 142.027



Achromatopsia
77, 0.009, 296.813



Achromatomaly
80, 27.977, 144.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 73.064, 142.027 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(117, 241, 126)` looks like.

```
.text, #text, p{  
    color:rgb(117, 241, 126)  
}
```

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(117, 241, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 241, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 73.064, 142.027 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(117, 241, 126) }
```

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

```
.border{ border-color:rgb(117, 241, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 241, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 241, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 241, 126);  
box-shadow:4px 4px 4px 4px rgb(117, 241,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 73.064, 142.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 241, 126) }
```

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

```
.background{ background-color: rgb(117,  
241, 126) }
```

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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