

Converting Colors

CIELCh(86, 101.873, 136.263)

Have a look what the booklet for
CIELCh(86, 101.873, 136.263)
contains.

CIELCh(86, 101.801, 136.285)	3
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Color

CIELCh(86, 101.801, 136.285)

Conversions

Conversions Part 1

Format	Color
Hex	52F640
RGB	82, 246, 64
RGB Percent	32%, 96%, 25%
CMY	0.6791, 0.0358, 0.7495
CMYK	0.67, 0.00, 0.74, 0.04
HSL	114°, 91%, 61%
HSV	114°, 74%, 96%
XYZ	37.3025, 67.9871, 15.9865
YIQ	176.2160, -39.3220, -91.3700

Conversions

Conversions Part 2

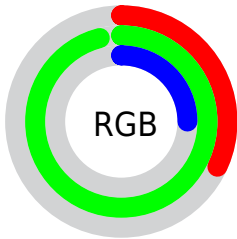
Format	Color
RYB	64, 246, 228
Decimal	5436992
CIELab	86.00, -73.58, 70.35
CIElCh	86, 101.801, 136.285
Yxy	67.9871, 0.3076, 0.5606
Android (android.graphics.Color)	4283627072 (0xFF52F640)
YUV	176.2160, -55.3225, -82.6274
Hunter-Lab	82.4543, -63.5412, 46.2226

Details

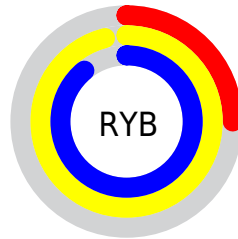
The CIELCh color **86, 101.801, 136.285** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed green. A complement of this color would be **59, 101.098, 324.639**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 76.041, 135.624**, and **66, 95.251, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **85, 109.596, 135.778**, and if you desaturate by 10%, it is **87, 91.430, 137.042**.

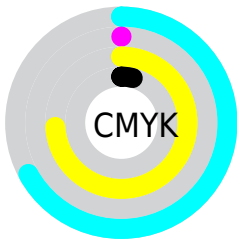
Distribution



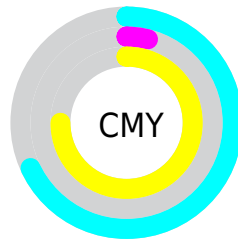
- Red (32%)
- Green (96%)
- Blue (25%)



- Red (25%)
- Yellow (96%)
- Blue (89%)



- Cyan (67%)
- Magenta (0%)
- Yellow (74%)
- Black (4%)





- Cyan (68%)
- Magenta (4%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 101.801, 136.285 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, 101.801, 136.285 by changing the saturation by 10% instead.


 86, 101.801,
136.285


 86, 101.801,
136.285


 100, 101.801,
136.285


 76, 101.801,
136.285


 66, 101.801,
136.285

 56, 101.801,
136.285

 46, 101.801,
136.285

 36, 101.801,
136.285

 26, 101.801,
136.285

 16, 101.801,

136.285

■ 6, 101.801,
136.285

■ 0, 101.801,
136.285

■ 86, 101.801,
136.285

■ 86, 101.801,
136.285

■ 85, 109.596,
135.778

■ 87, 91.430,
137.042

■ 85, 114.354,
135.631

■ 88, 79.128,
137.911

■ 85, 115.941,
135.656

■ 89, 65.499,
138.788

■ 90, 51.034,
139.611

■ 92, 36.114,
140.353

■ 94, 21.028,
141.005

■ 96, 5.991, 141.596

■ 98, 5.682, 324.585

Harmonies

Complementary

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



86, 101.801, 136.285



59, 101.098, 324.639

Rectangle

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



86, 101.801, 136.285



86, 101.801, 186.285



86, 101.801, 316.285



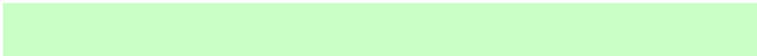
86, 101.801, 6.285

Sweetspot

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



86, 101.801, 136.286



95, 34.057, 140.489



90, 77.465, 98.025



50, 22.887, 140.301



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, 101.801, 136.286



88, 115.583, 135.654



86, 78.857, 149.649



50, 8.470, 141.275



66, 93.968, 135.565



21, 40.274, 135.915

Inverse Universe

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



59, 101.098, 324.639



57, 113.506, 324.589



58, 78.250, 346.921



48, 8.498, 322.196



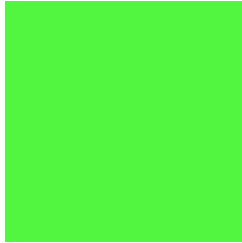
41, 91.831, 324.403



10, 40.780, 324.899

Previews

White Background



This preview shows how the CIELCh color 86, 101.801, 136.285 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 CIE LCh color 86, 101.801, 136.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

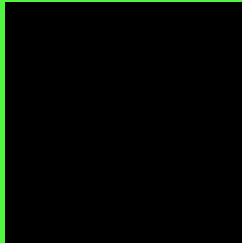
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 101.801, 136.285

Background



This preview shows how black text looks on a background with the CIELCh color 86, 101.801, 136.285.

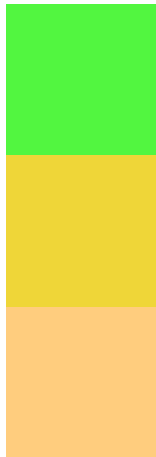


This preview shows how white text looks on a background with the CIELCh color 86, 101.801, 136.285.

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

86, 101.801, 136.285

Protanopia

85, 75.529, 95.440

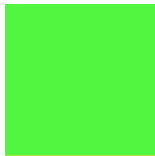
Deuteranopia

85, 46.529, 79.653



Tritanopia
86, 31.152, 216.448

Trichromacy



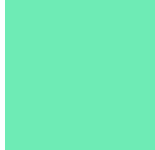
Original Color
86, 101.801, 136.285



Protanomaly
84, 80.308, 116.781

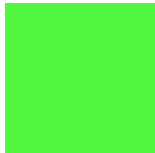


Deuteranomaly
84, 59.813, 116.234

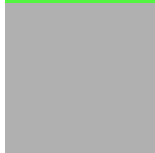


Tritanomaly
85, 49.847, 161.568

Monochromacy



Original Color
86, 101.801, 136.285



Achromatopsia
72, 0.009, 296.813



Achromatomaly
76, 41.750, 139.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 101.801, 136.285 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(82, 246, 64)` looks like.

```
.text, #text, p{  
    color:rgb(82, 246, 64)  
}
```

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(82, 246, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 246, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 101.801, 136.285 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(82, 246, 64) }
```

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

```
.border{ border-color:rgb(82, 246, 64) }
```

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

Here you see how a box with a 4 pixel rgb(82, 246, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 246, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 246, 64);  
box-shadow:4px 4px 4px 4px rgb(82, 246,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 101.801, 136.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 246, 64) }
```

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

```
.background{ background-color: rgb(82, 246,  
64) }
```

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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