

Converting Colors

CIELCh(88, 60.875, 141.372)

Have a look what the booklet for
CIELCh(88, 60.875, 141.372)
contains.

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Color

CIELCh(88, 60.877, 141.382)

Conversions

Conversions Part 1

Format	Color
Hex	92F392
RGB	146, 243, 146
RGB Percent	57%, 95%, 57%
CMY	0.4286, 0.0483, 0.4286
CMYK	0.40, 0.00, 0.40, 0.05
HSL	120°, 80%, 76%
HSV	120°, 40%, 95%
XYZ	48.9241, 72.0653, 38.4096
YIQ	202.9390, -26.6750, -50.7310

Conversions

Conversions Part 2

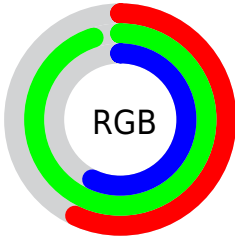
Format	Color
RYB	146, 243, 243
Decimal	9630610
CIELab	88.00, -47.56, 37.99
CIELCh	88, 60.877, 141.382
Yxy	72.0653, 0.3069, 0.4521
Android (android.graphics.Color)	4287820690 (0xFF92F392)
YUV	202.9390, -28.0709, -49.9355
Hunter-Lab	84.8913, -45.6875, 32.5978

Details

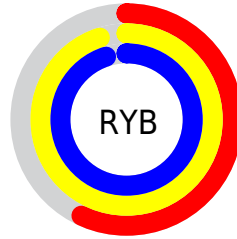
The CIELCh color **88, 60.877, 141.382** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **73, 60.751, 326.593**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 33.440, 142.138**, and **68, 60.856, 141.479** is the 20% darker color. If you saturate the color by 10%, you get **87, 74.998, 140.318**, and if you desaturate by 10%, it is **90, 45.965, 142.333**.

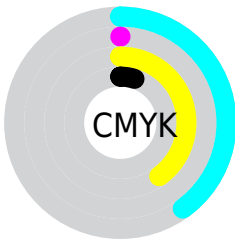
Distribution



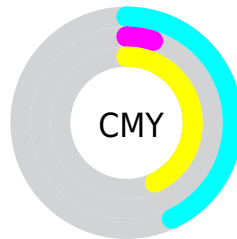
- Red (57%)
- Green (95%)
- Blue (57%)



- Red (57%)
- Yellow (95%)
- Blue (95%)



- Cyan (40%)
- Magenta (0%)
- Yellow (40%)
- Black (5%)



- Cyan (43%)
- Magenta (5%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 60.877, 141.382 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, 60.877, 141.382 by changing the saturation by 10% instead.

■ 88, 60.877,
141.382

■ 88, 60.877,
141.382

■ 100, 60.877,
141.382

■ 78, 60.877,
141.382

■ 68, 60.877,
141.382

■ 58, 60.877,
141.382

■ 48, 60.877,
141.382

■ 38, 60.877,
141.382


■ 28, 60.877,
141.382


■ 18, 60.877,


141.382


 8, 60.877, 141.382


 0, 60.877, 141.382


 88, 60.877,
141.382


 88, 60.877,
141.382


 87, 74.998,
140.318


 90, 45.965,
142.333

 86, 87.837,
139.178

 91, 30.649,
143.160


 85, 98.814,
138.048

 93, 15.233,
143.873


 84, 107.300,
137.061


 96, 0.060, 319.501

 97, 7.666, 324.668

 84, 112.766,

136.366

 84, 115.365,
136.018

 84, 115.372,
136.017

Harmonies

Complementary

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



88, 60.877, 141.382



73, 60.751, 326.593

Rectangle

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



88, 60.877, 141.382



88, 60.877, 191.382



88, 60.877, 321.382



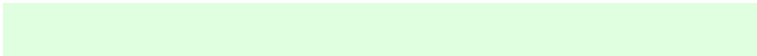
88, 60.877, 11.382

Sweetspot

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



88, 60.878, 141.382



97, 19.115, 143.734



94, 48.671, 106.312



52, 12.688, 143.643



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, 60.878, 141.382



91, 75.247, 140.521



89, 41.782, 159.662



50, 8.744, 143.905



66, 94.548, 136.018



20, 41.090, 137.402

Inverse Universe

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



73, 60.751, 326.593



73, 74.887, 326.979



72, 43.816, 347.670



48, 8.757, 324.950



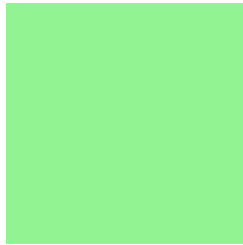
44, 91.213, 328.241



11, 40.555, 328.240

Previews

White Background



This preview shows how the CIELCh color 88, 60.877, 141.382 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, 60.877, 141.382 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, 60.877, 141.382

Background



This preview shows how black text looks on a background with the CIELCh color 88, 60.877, 141.382.

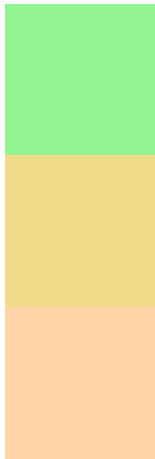


This preview shows how white text looks on a background with the CIELCh color 88, 60.877, 141.382.

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, 60.877, 141.382

Protanopia
87, 42.937, 95.564

Deuteranopia
88, 29.313, 72.242



Tritanopia
88, 22.117, 225.106

Trichromacy



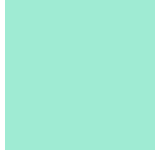
Original Color
88, 60.877, 141.382



Protanomaly
87, 45.764, 117.961



Deuteranomaly
87, 33.142, 112.837

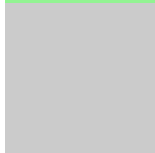


Tritanomaly
88, 28.811, 171.623

Monochromacy



Original Color
88, 60.877, 141.382



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 22.586, 143.447

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 60.877, 141.382 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(146, 243, 146)` looks like.

```
.text, #text, p{  
    color:rgb(146, 243, 146)  
}
```

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(146, 243, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 243, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 60.877, 141.382 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(146, 243, 146) }
```

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

```
.border{ border-color:rgb(146, 243, 146) }
```

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

Here you see how a box with a 4 pixel rgb(146, 243, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 243, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 243, 146);  
box-shadow:4px 4px 4px 4px rgb(146, 243,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 60.877, 141.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 243, 146) }
```

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

```
.background{ background-color: rgb(146,  
243, 146) }
```

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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