

Converting Colors

CIELCh(88, 60.473, 139.957)

Have a look what the booklet for
CIELCh(88, 60.473, 139.957)
contains.

CIELCh(88, 60.385, 139.968)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(88, 60.385, 139.968)

Conversions

Conversions Part 1

Format	Color
Hex	96F290
RGB	150, 242, 144
RGB Percent	59%, 95%, 56%
CMY	0.4114, 0.0506, 0.4350
CMYK	0.38, 0.00, 0.40, 0.05
HSL	116°, 79%, 76%
HSV	116°, 40%, 95%
XYZ	49.4124, 72.0653, 37.7241
YIQ	203.3200, -23.3740, -49.9820

Conversions

Conversions Part 2

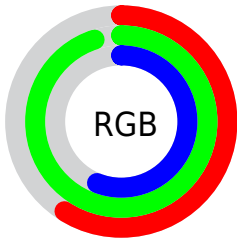
Format	Color
RYB	144, 242, 236
Decimal	9892496
CIELab	88.00, -46.24, 38.84
CIElCh	88, 60.385, 139.968
Yxy	72.0653, 0.3104, 0.4527
Android (android.graphics.Color)	4288082576 (0xFF96F290)
YUV	203.3200, -29.2448, -46.7616
Hunter-Lab	84.8913, -44.6608, 33.0765

Details

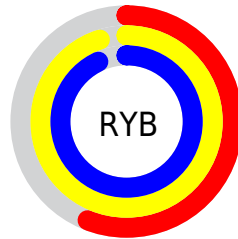
The CIELCh color **88, 60.385, 139.968** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **72, 60.553, 324.803**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 33.519, 139.303**, and **68, 60.231, 139.949** is the 20% darker color. If you saturate the color by 10%, you get **87, 74.289, 139.032**, and if you desaturate by 10%, it is **90, 45.758, 140.822**.

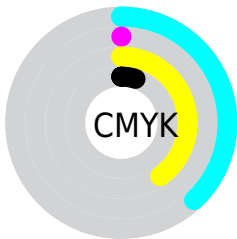
Distribution



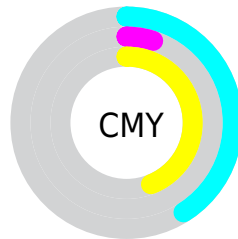
- Red (59%)
- Green (95%)
- Blue (56%)



- Red (56%)
- Yellow (95%)
- Blue (93%)



- Cyan (38%)
- Magenta (0%)
- Yellow (40%)
- Black (5%)





- Cyan (41%)
- Magenta (5%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 60.385, 139.968 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, 60.385, 139.968 by changing the saturation by 10% instead.


 88, 60.385,
139.968

 88, 60.385,
139.968


 100, 60.385,
139.968


 78, 60.385,
139.968

 68, 60.385,
139.968

 58, 60.385,
139.968

 48, 60.385,
139.968

 38, 60.385,
139.968

 28, 60.385,
139.968

 18, 60.385,


139.968


 8, 60.385, 139.968


 0, 60.385, 139.968


 88, 60.385,
139.968


 88, 60.385,
139.968


 87, 74.289,
139.032


 90, 45.758,
140.822

 86, 87.005,
138.057

 91, 30.765,
141.575


 85, 97.966,
137.132

 93, 15.682,
142.231


 84, 106.532,
136.387

 95, 0.709, 143.164

 97, 8.042, 324.683

 84, 112.159,

135.957

 84, 114.859,
135.827

Harmonies

Complementary

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



88, 60.385, 139.968



72, 60.553, 324.803

Rectangle

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



88, 60.385, 139.968



88, 60.385, 189.968



88, 60.385, 319.968



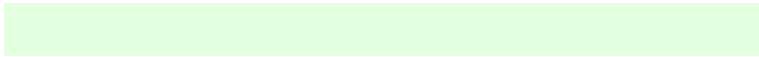
88, 60.385, 9.968

Sweetspot

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



88, 60.386, 139.968



97, 18.739, 142.135



92, 46.304, 103.165



52, 12.438, 142.052



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, 60.386, 139.968



91, 75.381, 139.162



88, 44.582, 156.324



49, 8.425, 142.294



65, 93.257, 135.760



19, 39.155, 136.840

Inverse Universe

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



72, 60.553, 324.803



72, 75.448, 325.170



72, 46.037, 343.952



47, 8.447, 323.256



42, 90.606, 325.837



9, 39.529, 326.166

Previews

White Background



This preview shows how the CIELCh color 88, 60.385, 139.968 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, 60.385, 139.968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

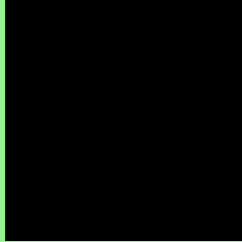
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 60.385, 139.968

Background



This preview shows how black text looks on a background with the CIELCh color 88, 60.385, 139.968.

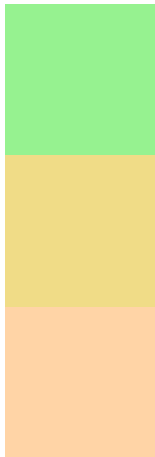


This preview shows how white text looks on a background with the CIELCh color 88, 60.385, 139.968.

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, 60.385, 139.968

Protanopia
88, 44.364, 95.791

Deuteranopia
88, 29.749, 72.748

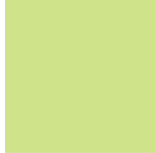


Tritanopia
88, 20.938, 225.168

Trichromacy



Original Color
88, 60.385, 139.968



Protanomaly
87, 46.558, 116.726



Deuteranomaly
87, 33.572, 111.390

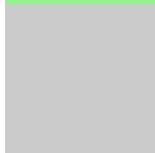


Tritanomaly
88, 27.476, 170.357

Monochromacy



Original Color
88, 60.385, 139.968



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 22.167, 141.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 60.385, 139.968 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(150, 242, 144)` looks like.

```
.text, #text, p{  
    color:rgb(150, 242, 144)  
}
```

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(150, 242, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 242, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 60.385, 139.968 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(150, 242, 144) }
```

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

```
.border{ border-color:rgb(150, 242, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 242, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 242, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 242, 144);  
box-shadow:4px 4px 4px 4px rgb(150, 242,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 60.385, 139.968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 242, 144) }
```

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

```
.background{ background-color: rgb(150,  
242, 144) }
```

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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