

Converting Colors

CIELCh(88, 27.896, 192.150)

Have a look what the booklet for
CIELCh(88, 27.896, 192.150)
contains.

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Color

CIElCh(88, 27.890, 192.160)

Conversions

Conversions Part 1

Format	Color
Hex	95ECE7
RGB	149, 236, 231
RGB Percent	58%, 93%, 91%
CMY	0.4161, 0.0750, 0.0946
CMYK	0.37, 0.00, 0.02, 0.07
HSL	177°, 69%, 75%
HSV	177°, 37%, 93%
XYZ	56.7428, 72.0653, 86.4348
YIQ	209.4170, -50.2470, -19.9990

Conversions

Conversions Part 2

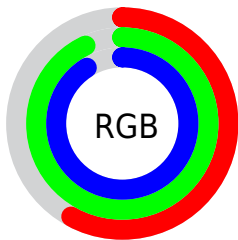
Format	Color
RYB	149, 194, 236
Decimal	9825511
CIELab	88.00, -27.26, -5.87
CIELCh	88, 27.890, 192.160
Yxy	72.0653, 0.2636, 0.3348
Android (android.graphics.Color)	4288015591 (0xFF95ECE7)
YUV	209.4170, 10.6404, -52.9857
Hunter-Lab	84.8913, -29.2472, -0.9442

Details

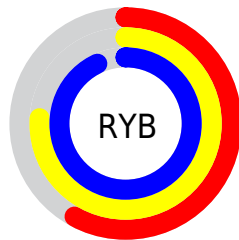
The CIELCh color **88, 27.890, 192.160** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **71, 35.155, 18.554**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.252, 198.426**, and **68, 27.825, 192.594** is the 20% darker color. If you saturate the color by 10%, you get **87, 33.906, 191.499**, and if you desaturate by 10%, it is **89, 21.091, 192.828**.

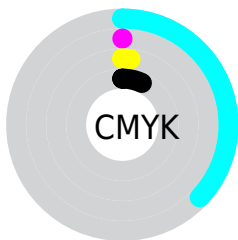
Distribution



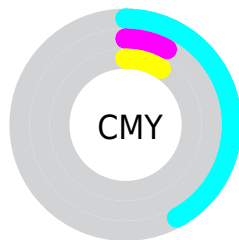
- Red (58%)
- Green (93%)
- Blue (91%)



- Red (58%)
- Yellow (76%)
- Blue (93%)



- Cyan (37%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)





- Cyan (42%)
- Magenta (8%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 27.890, 192.160 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, 27.890, 192.160 by changing the saturation by 10% instead.


 88, 27.890,
192.160


 88, 27.890,
192.160


 100, 27.890,
192.160


 78, 27.890,
192.160

 68, 27.890,
192.160

 58, 27.890,
192.160

 48, 27.890,
192.160

 38, 27.890,
192.160


 28, 27.890,
192.160


 18, 27.890,


192.160


 8, 27.890, 192.160


 0, 27.890, 192.160


 88, 27.890,
192.160


 88, 27.890,
192.160

 87, 33.906,
191.499


 89, 21.091,
192.828

 86, 39.014,
190.845

 91, 13.646,
193.517

 86, 43.125,
190.188

 92, 5.695, 194.264

 85, 46.196,
189.515

 94, 2.633, 14.615

 95, 6.918, 12.235

 85, 48.251,

188.812

95, 7.035, 6.624

85, 49.399,
188.067

95, 7.217, 1.249

85, 49.659,
187.830

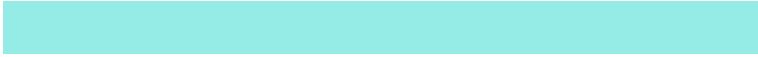
95, 7.461, 356.185

95, 7.761, 351.479

Harmonies

Complementary

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



88, 27.890, 192.160



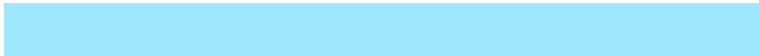
71, 35.155, 18.554

Rectangle

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



88, 27.890, 192.160



88, 27.890, 242.160



88, 27.890, 12.160



88, 27.890, 62.160

Sweetspot

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



88, 27.890, 192.157



98, 9.610, 193.938



87, 53.940, 140.163



52, 6.436, 193.838



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, 27.890, 192.157



94, 34.335, 191.675



78, 24.802, 253.733



48, 4.655, 194.058



67, 40.692, 187.966



19, 17.285, 189.145

Inverse Universe

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



71, 35.155, 18.554



72, 45.601, 19.838



79, 28.835, 63.792



46, 4.912, 15.287



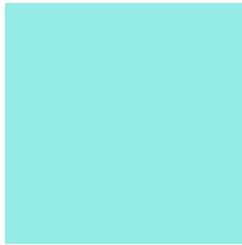
38, 78.429, 37.695



7, 28.299, 20.377

Previews

White Background



This preview shows how the CIE LCh color 88, 27.890, 192.160 looks on a white background.

Color Contrast Check

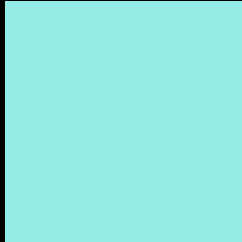
Large Text (above 18pt) WCAG AA × Fail

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 88, 27.890, 192.160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

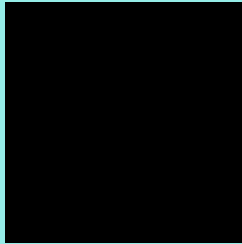
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

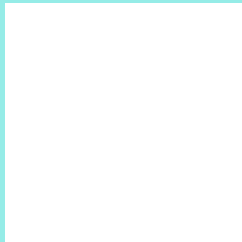
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 27.890, 192.160

Background



This preview shows how black text looks on a background with the CIELCh color 88, 27.890, 192.160.

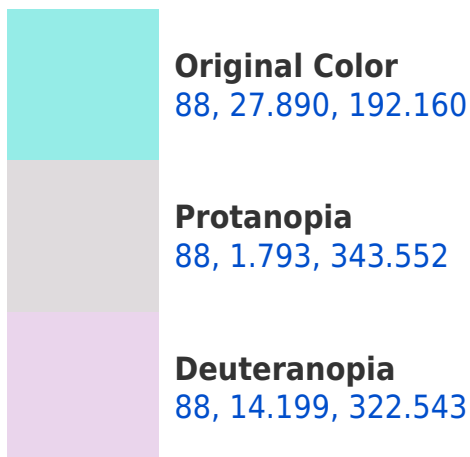


This preview shows how white text looks on a background with the CIELCh color 88, 27.890, 192.160.

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
88, 25.646, 219.645

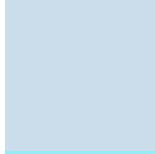
Trichromacy



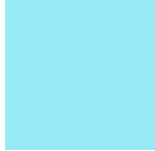
Original Color
88, 27.890, 192.160



Protanomaly
87, 10.040, 198.769



Deuteranomaly
87, 9.072, 247.879

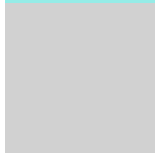


Tritanomaly
88, 25.816, 209.585

Monochromacy



Original Color
88, 27.890, 192.160



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 11.201, 193.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 27.890, 192.160 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(149, 236, 231)` looks like.

```
.text, #text, p{  
    color:rgb(149, 236, 231)  
}
```

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(149, 236, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 236, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 27.890, 192.160 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(149, 236, 231) }
```

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

```
.border{ border-color:rgb(149, 236, 231) }
```

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

Here you see how a box with a 4 pixel rgb(149, 236, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 236, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 236, 231);  
box-shadow:4px 4px 4px 4px rgb(149, 236,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 27.890, 192.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 236, 231) }
```

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

```
.background{ background-color: rgb(149,  
236, 231) }
```

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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