

Converting Colors

CIELCh(88, 31.079, 203.517)

Have a look what the booklet for
CIELCh(88, 31.079, 203.517)
contains.

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Color

CIElCh(88, 30.996, 203.306)

Conversions

Conversions Part 1

Format	Color
Hex	86EDF3
RGB	134, 237, 243
RGB Percent	53%, 93%, 95%
CMY	0.4747, 0.0708, 0.0473
CMYK	0.45, 0.02, 0.00, 0.05
HSL	183°, 82%, 74%
HSV	183°, 45%, 95%
XYZ	56.2579, 72.0653, 95.6924
YIQ	206.8870, -63.3140, -19.9700

Conversions

Conversions Part 2

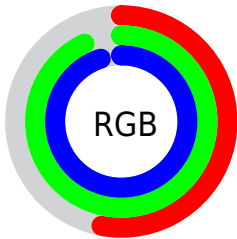
Format	Color
RYB	134, 187, 243
Decimal	8842739
CIELab	88.00, -28.47, -12.26
CIElCh	88, 30.996, 203.306
Yxy	72.0653, 0.2511, 0.3217
Android (android.graphics.Color)	4287032819 (0xFF86EDF3)
YUV	206.8870, 17.8037, -63.9219
Hunter-Lab	84.8913, -30.2668, -7.4099

Details

The CIELCh color **88, 30.996, 203.306** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **69, 43.448, 27.915**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 20.212, 198.174**, and **68, 31.012, 203.210** is the 20% darker color. If you saturate the color by 10%, you get **87, 35.799, 203.374**, and if you desaturate by 10%, it is **89, 25.278, 203.363**.

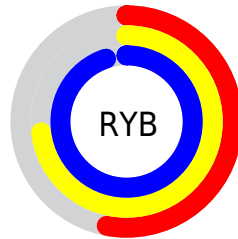
Distribution



Red (53%)

Green (93%)

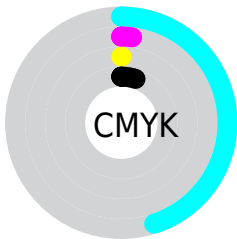
Blue (95%)



Red (53%)

Yellow (73%)

Blue (95%)

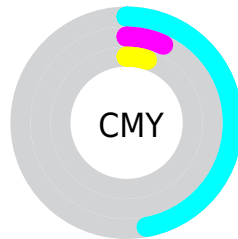


Cyan (45%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (47%)


Magenta (7%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 30.996, 203.306 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, 30.996, 203.306 by changing the saturation by 10% instead.


 88, 30.996,
203.306


 88, 30.996,
203.306


 100, 30.996,
203.306


 78, 30.996,
203.306

 68, 30.996,
203.306

 58, 30.996,
203.306

 48, 30.996,
203.306

 38, 30.996,
203.306


 28, 30.996,
203.306


 18, 30.996,


203.306


 8, 30.996, 203.306


 0, 30.996, 203.306


 88, 30.996,
203.306


 88, 30.996,
203.306


 87, 35.799,
203.374

 89, 25.278,
203.363

 86, 39.594,
203.592

 91, 18.767,
203.533

 85, 42.330,
203.977

 93, 11.596,
203.805

 84, 44.021,
204.546

 95, 3.898, 204.238

 84, 44.759,

 97, 4.055, 24.460

205.309

97, 3.703, 35.607

83, 44.888,
205.758

98, 3.517, 48.476

98, 3.523, 62.003

98, 3.720, 74.768

Harmonies

Complementary

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



88, 30.996, 203.306



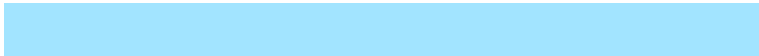
69, 43.448, 27.915

Rectangle

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



88, 30.996, 203.306



88, 30.996, 253.306



88, 30.996, 23.306



88, 30.996, 73.306

Sweetspot

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



88, 30.996, 203.304



97, 10.603, 203.867



87, 65.788, 142.169



51, 7.372, 203.793



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

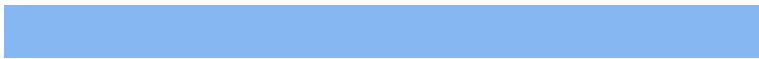
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 30.996, 203.304



91, 36.809, 203.364



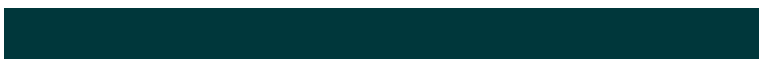
73, 34.858, 268.908



50, 4.528, 204.001



65, 36.797, 205.591



20, 16.501, 204.288

Inverse Universe

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



71, 65.310, 328.457



70, 80.019, 328.925



81, 38.104, 74.694



48, 8.436, 326.465



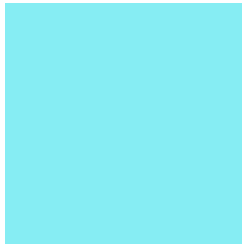
44, 87.374, 330.550



11, 39.070, 330.227

Previews

White Background



This preview shows how the CIE LCh color 88, 30.996, 203.306 looks on a white background.

Color Contrast Check

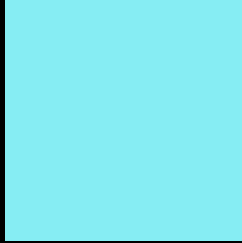
Large Text (above 18pt) WCAG AA × Fail

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, 30.996, 203.306 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, 30.996, 203.306

Background



This preview shows how black text looks on a background with the CIELCh color 88, 30.996, 203.306.

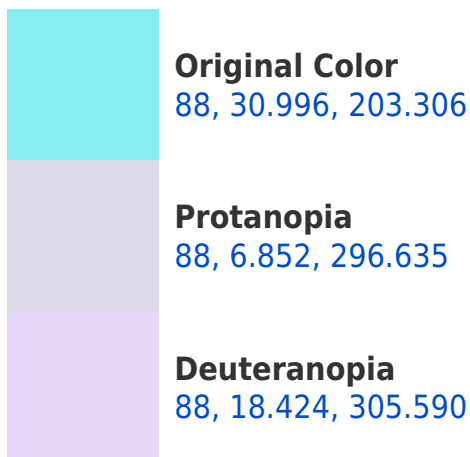


This preview shows how white text looks on a background with the CIELCh color 88, 30.996, 203.306.

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, 30.122, 217.101

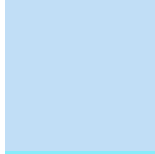
Trichromacy



Original Color
88, 30.996, 203.306



Protanomaly
87, 13.041, 222.447



Deuteranomaly
87, 15.549, 253.179

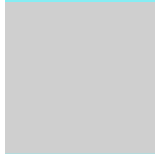


Tritanomaly
88, 30.279, 211.694

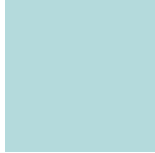
Monochromacy



Original Color
88, 30.996, 203.306



Achromatopsia
83, 0.010, 296.813



Achromatomaly
84, 13.020, 203.205

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 30.996, 203.306 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(134, 237, 243)` looks like.

```
.text, #text, p{  
    color:rgb(134, 237, 243)  
}
```

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(134, 237, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 237, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 30.996, 203.306 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(134, 237, 243) }
```

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

```
.border{ border-color:rgb(134, 237, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 237, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 237, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 237, 243);  
box-shadow:4px 4px 4px 4px rgb(134, 237,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 30.996, 203.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 237, 243) }
```

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

```
.background{ background-color: rgb(134,  
237, 243) }
```

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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