

Converting Colors

CIELCh(88, 28.802, 197.479)

Have a look what the booklet for
CIELCh(88, 28.802, 197.479)
contains.

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Color

CIElCh(88, 28.675, 197.545)

Conversions

Conversions Part 1

Format	Color
Hex	90ECEC
RGB	144, 236, 236
RGB Percent	56%, 93%, 93%
CMY	0.4348, 0.0740, 0.0740
CMYK	0.39, 0.00, 0.00, 0.07
HSL	180°, 71%, 75%
HSV	180°, 39%, 93%
XYZ	56.7117, 72.0653, 90.3709
YIQ	208.4920, -54.8320, -19.5040

Conversions

Conversions Part 2

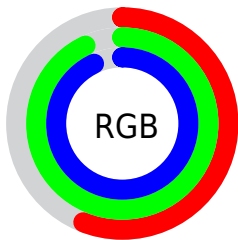
Format	Color
RYB	144, 190, 236
Decimal	9497836
CIELab	88.00, -27.34, -8.64
CIELCh	88, 28.675, 197.545
Yxy	72.0653, 0.2588, 0.3288
Android (android.graphics.Color)	4287687916 (0xFF90ECEC)
YUV	208.4920, 13.5614, -56.5595
Hunter-Lab	84.8913, -29.3125, -3.6932

Details

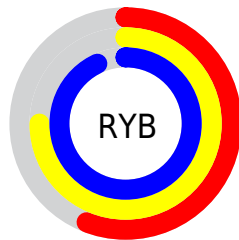
The CIELCh color **88, 28.675, 197.545** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **69, 37.831, 23.182**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.489, 198.347**, and **68, 28.695, 197.134** is the 20% darker color. If you saturate the color by 10%, you get **87, 34.251, 197.187**, and if you desaturate by 10%, it is **89, 22.243, 197.960**.

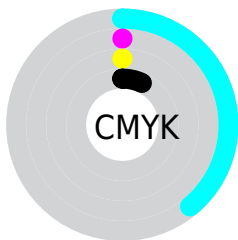
Distribution



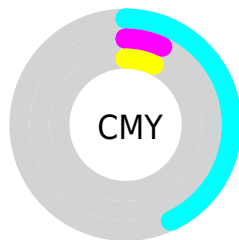
- Red (56%)
- Green (93%)
- Blue (93%)



- Red (56%)
- Yellow (75%)
- Blue (93%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (43%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 28.675, 197.545 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, 28.675, 197.545 by changing the saturation by 10% instead.


 88, 28.675,
197.545


 88, 28.675,
197.545

 100, 28.675,
197.545


 78, 28.675,
197.545

 68, 28.675,
197.545

 58, 28.675,
197.545

 48, 28.675,
197.545

 38, 28.675,
197.545


 28, 28.675,
197.545

 18, 28.675,


197.545

 8, 28.675, 197.545


 0, 28.675, 197.545


 88, 28.675,
197.545


 88, 28.675,
197.545

 87, 34.251,
197.187

 89, 22.243,
197.960

 86, 38.865,
196.898

 90, 15.085,
198.439

 86, 42.447,
196.677

 92, 7.336, 198.995

 85, 44.982,
196.521

 94, 0.870, 18.743

 95, 6.782, 19.770

 85, 46.520,

196.427

95, 6.782, 19.766

85, 47.229,
196.384

95, 6.782, 19.762

85, 47.284,
196.380

95, 6.782, 19.758

95, 6.782, 19.754

Harmonies

Complementary

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



88, 28.675, 197.545



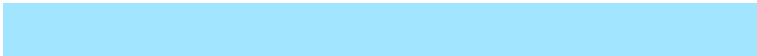
69, 37.831, 23.182

Rectangle

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



88, 28.675, 197.545



88, 28.675, 247.545



88, 28.675, 17.545



88, 28.675, 67.545

Sweetspot

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



88, 28.675, 197.542



98, 10.369, 198.811



86, 57.820, 141.119



52, 6.853, 198.737



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, 28.675, 197.542



93, 35.331, 197.245



76, 27.450, 260.240



48, 4.619, 198.964



67, 38.753, 196.380



19, 16.595, 196.381

Inverse Universe

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



69, 37.831, 23.182



70, 49.865, 24.631



80, 31.067, 68.817



46, 4.905, 19.934



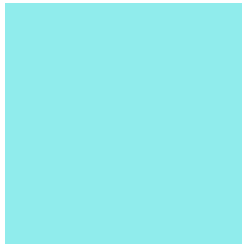
38, 80.845, 39.984



7, 28.535, 22.714

Previews

White Background



This preview shows how the CIE LCh color 88, 28.675, 197.545 looks on a white background.

Color Contrast Check

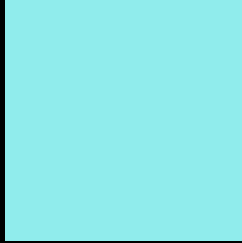
Large Text (above 18pt) WCAG AA × Fail

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, 28.675, 197.545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

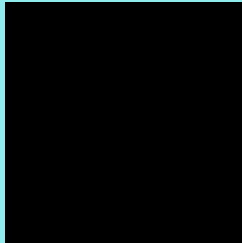
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 28.675, 197.545

Background



This preview shows how black text looks on a background with the CIELCh color 88, 28.675, 197.545.



This preview shows how white text looks on a background with the CIELCh color 88, 28.675, 197.545.

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, 27.076, 218.356

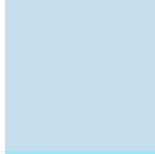
Trichromacy



Original Color
88, 28.675, 197.545



Protanomaly
87, 10.771, 209.990



Deuteranomaly
87, 11.644, 249.059

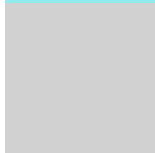


Tritanomaly
88, 27.351, 209.961

Monochromacy



Original Color
88, 28.675, 197.545



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 11.743, 198.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 28.675, 197.545 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(144, 236, 236)` looks like.

```
.text, #text, p{  
    color:rgb(144, 236, 236)  
}
```

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(144, 236, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 236, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 28.675, 197.545 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(144, 236, 236) }
```

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

```
.border{ border-color:rgb(144, 236, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 236, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 236, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 236, 236);  
box-shadow:4px 4px 4px 4px rgb(144, 236,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 28.675, 197.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 236, 236) }
```

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

```
.background{ background-color: rgb(144,  
236, 236) }
```

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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