

Converting Colors

CIELCh(88, 25.170, 201.058)

Have a look what the booklet for
CIELCh(88, 25.170, 201.058)
contains.

CIELCh(88, 25.071, 201.401)	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, 25.071, 201.401)

Conversions

Conversions Part 1

Format	Color
Hex	9BEAED
RGB	155, 234, 237
RGB Percent	61%, 92%, 93%
CMY	0.3914, 0.0816, 0.0698
CMYK	0.35, 0.01, 0.00, 0.07
HSL	182°, 70%, 77%
HSV	182°, 35%, 93%
XYZ	58.3434, 72.0653, 91.0999
YIQ	210.7210, -48.0470, -15.8150

Conversions

Conversions Part 2

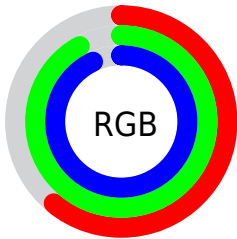
Format	Color
RYB	155, 195, 237
Decimal	10218221
CIELab	88.00, -23.34, -9.15
CIELCh	88, 25.071, 201.401
Yxy	72.0653, 0.2634, 0.3253
Android (android.graphics.Color)	4288408301 (0xFF9BEAED)
YUV	210.7210, 12.9555, -48.8673
Hunter-Lab	84.8913, -25.8818, -4.2023

Details

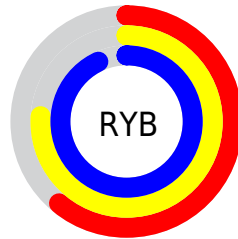
The CIELCh color **88, 25.071, 201.401** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **73, 32.109, 25.179**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.367, 198.548**, and **68, 25.149, 201.225** is the 20% darker color. If you saturate the color by 10%, you get **87, 30.818, 201.221**, and if you desaturate by 10%, it is **89, 18.541, 201.668**.

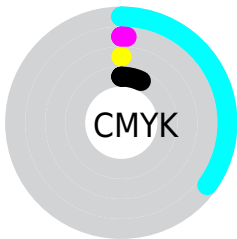
Distribution



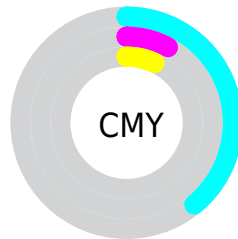
- Red (61%)
- Green (92%)
- Blue (93%)



- Red (61%)
- Yellow (76%)
- Blue (93%)



- Cyan (35%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)





- Cyan (39%)
- Magenta (8%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 25.071, 201.401 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, 25.071, 201.401 by changing the saturation by 10% instead.


 88, 25.071,
201.401


 88, 25.071,
201.401


 100, 25.071,
201.401


 78, 25.071,
201.401

 68, 25.071,
201.401

 58, 25.071,
201.401

 48, 25.071,
201.401

 38, 25.071,
201.401

 28, 25.071,
201.401

 18, 25.071,

201.401

■ 8, 25.071, 201.401

■ 0, 25.071, 201.401

■ 88, 25.071,
201.401

■ 88, 25.071,
201.401

■ 87, 30.818,
201.221

■ 89, 18.541,
201.668

■ 86, 35.660,
201.149

■ 91, 11.360,
202.026

■ 85, 39.508,
201.194

■ 93, 3.659, 202.540

■ 84, 42.312,
201.369

■ 95, 4.439, 22.671

■ 96, 5.945, 26.288

■ 83, 44.085,

201.682

96, 5.704, 31.038

83, 44.916,
202.137

96, 5.505, 36.166

83, 45.098,
202.428

96, 5.354, 41.628

96, 5.255, 47.349

Harmonies

Complementary

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



88, 25.071, 201.401



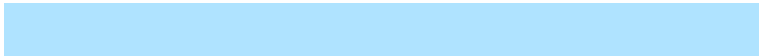
73, 32.109, 25.179

Rectangle

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



88, 25.071, 201.401



88, 25.071, 251.401



88, 25.071, 21.401



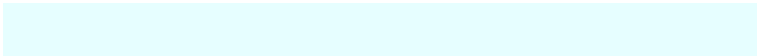
88, 25.071, 71.401

Sweetspot

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



88, 25.071, 201.398



98, 8.373, 202.223



87, 50.788, 142.785



52, 5.690, 202.158



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, 25.071, 201.398



93, 30.584, 201.270



77, 25.905, 264.722



49, 4.531, 202.250



66, 37.249, 202.326



20, 16.367, 201.460

Inverse Universe

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



75, 50.638, 327.351



76, 63.222, 327.700



82, 27.991, 74.465



47, 8.397, 325.940



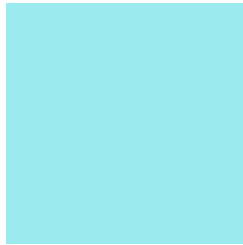
43, 87.749, 329.739



10, 38.459, 329.523

Previews

White Background



This preview shows how the CIE LCh color 88, 25.071, 201.401 looks on a white background.

Color Contrast Check

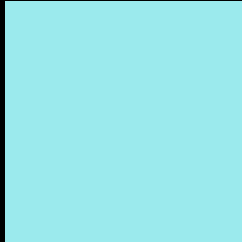
Large Text (above 18pt) WCAG AA × Fail

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, 25.071, 201.401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

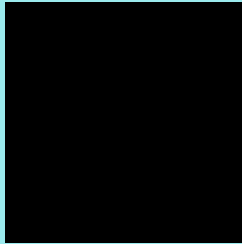
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 25.071, 201.401

Background



This preview shows how black text looks on a background with the CIELCh color 88, 25.071, 201.401.



This preview shows how white text looks on a background with the CIELCh color 88, 25.071, 201.401.

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



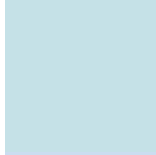


Tritanopia
88, 24.323, 222.347

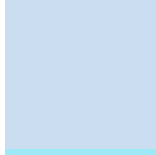
Trichromacy



Original Color
88, 25.071, 201.401



Protanomaly
88, 10.013, 217.152



Deuteranomaly
87, 11.522, 259.051

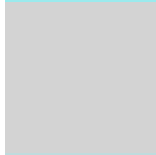


Tritanomaly
88, 24.169, 214.412

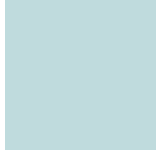
Monochromacy



Original Color
88, 25.071, 201.401



Achromatopsia
85, 0.010, 296.813



Achromatomaly
85, 9.738, 205.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 25.071, 201.401 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(155, 234, 237)` looks like.

```
.text, #text, p{  
    color:rgb(155, 234, 237)  
}
```

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(155, 234, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 234, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 25.071, 201.401 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(155, 234, 237) }
```

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

```
.border{ border-color:rgb(155, 234, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 234, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 234, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 234, 237);  
box-shadow:4px 4px 4px 4px rgb(155, 234,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 25.071, 201.401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 234, 237) }
```

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

```
.background{ background-color: rgb(155,  
234, 237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor