

Converting Colors

CIELCh(88, 22.046, 201.119)

Have a look what the booklet for
CIELCh(88, 22.046, 201.119)
contains.

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Color

CIELCh(88, 22.050, 200.709)

Conversions

Conversions Part 1

Format	Color
Hex	A5E9EB
RGB	165, 233, 235
RGB Percent	65%, 91%, 92%
CMY	0.3540, 0.0874, 0.0796
CMYK	0.30, 0.01, 0.00, 0.08
HSL	182°, 63%, 78%
HSV	182°, 30%, 92%
XYZ	59.4697, 72.0653, 89.1549
YIQ	212.8960, -41.1700, -13.7940

Conversions

Conversions Part 2

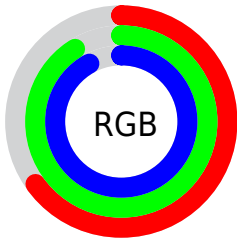
Format	Color
RYB	165, 199, 235
Decimal	10873323
CIELab	88.00, -20.63, -7.80
CIELCh	88, 22.050, 200.709
Yxy	72.0653, 0.2695, 0.3265
Android (android.graphics.Color)	4289063403 (0xFFA5E9EB)
YUV	212.8960, 10.8973, -42.0048
Hunter-Lab	84.8913, -23.5135, -2.8439

Details

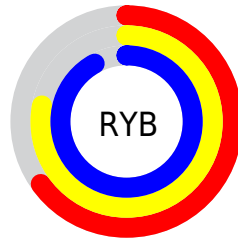
The CIELCh color **88, 22.050, 200.709** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75, 27.159, 24.027**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.153, 198.761**, and **68, 22.082, 200.530** is the 20% darker color. If you saturate the color by 10%, you get **87, 28.187, 200.439**, and if you desaturate by 10%, it is **89, 15.195, 201.054**.

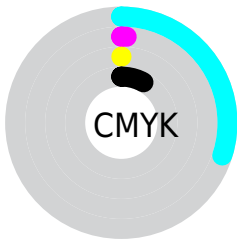
Distribution



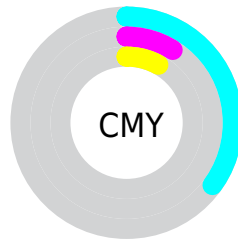
- Red (65%)
- Green (91%)
- Blue (92%)



- Red (65%)
- Yellow (78%)
- Blue (92%)



- Cyan (30%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)





- Cyan (35%)
- Magenta (9%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 22.050, 200.709 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, 22.050, 200.709 by changing the saturation by 10% instead.


 88, 22.050,
200.709


 88, 22.050,
200.709


 100, 22.050,
200.709


 78, 22.050,
200.709

 68, 22.050,
200.709

 58, 22.050,
200.709

 48, 22.050,
200.709

 38, 22.050,
200.709

 28, 22.050,
200.709

 18, 22.050,

200.709

■ 8, 22.050, 200.709

■ 0, 22.050, 200.709

■ 88, 22.050,
200.709

■ 88, 22.050,
200.709

■ 87, 28.187,
200.439

■ 89, 15.195,
201.054

■ 86, 33.477,
200.263

■ 91, 7.753, 201.492

■ 93, 0.147, 17.600

■ 85, 37.816,
200.188

■ 95, 7.068, 22.622

■ 84, 41.134,
200.224

■ 95, 6.851, 25.559

■ 83, 43.414,

■ 95, 6.654, 28.679

200.377

95, 6.478, 31.978

83, 44.708,
200.652

95, 6.324, 35.449

83, 45.209,
201.035

96, 6.196, 39.077

83, 45.216,
201.042

Harmonies

Complementary

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



88, 22.050, 200.709



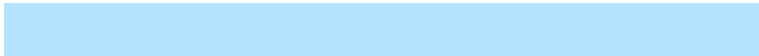
75, 27.159, 24.027

Rectangle

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



88, 22.050, 200.709



88, 22.050, 250.709



88, 22.050, 20.709



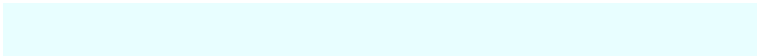
88, 22.050, 70.709

Sweetspot

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



88, 22.050, 200.705



98, 7.615, 201.533



87, 44.029, 142.781



52, 5.271, 201.458



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, 22.050, 200.705



94, 27.719, 200.526



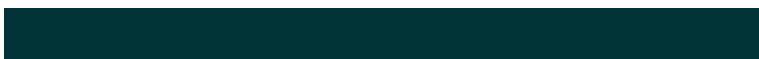
79, 21.806, 261.952



48, 4.487, 201.510



65, 37.250, 200.962



19, 16.040, 200.268

Inverse Universe

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



76, 43.674, 326.861



79, 56.141, 327.202



83, 23.486, 73.409



46, 8.295, 325.716



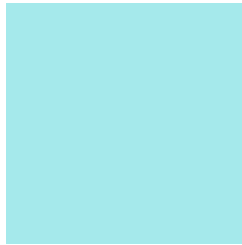
43, 87.392, 329.397



9, 37.545, 329.223

Previews

White Background



This preview shows how the CIE LCh color 88, 22.050, 200.709 looks on a white background.

Color Contrast Check

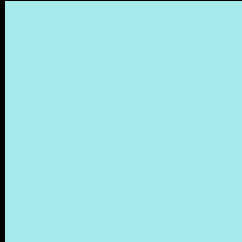
Large Text (above 18pt) WCAG AA × Fail

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, 22.050, 200.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

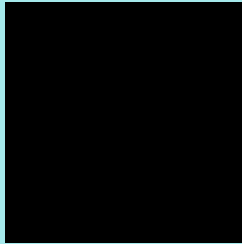
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 22.050, 200.709

Background



This preview shows how black text looks on a background with the CIELCh color 88, 22.050, 200.709.

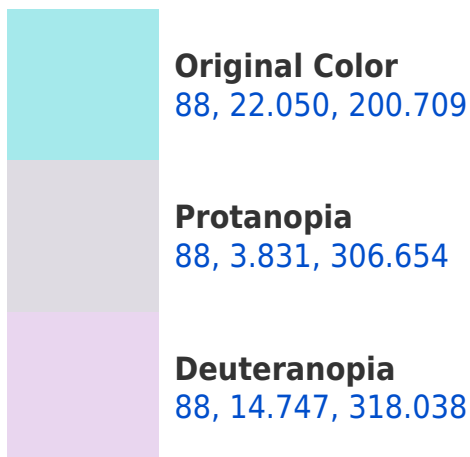


This preview shows how white text looks on a background with the CIELCh color 88, 22.050, 200.709.

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



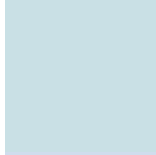


Tritanopia
88, 21.619, 225.802

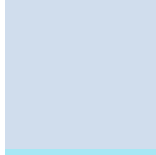
Trichromacy



Original Color
88, 22.050, 200.709



Protanomaly
88, 8.307, 217.341



Deuteranomaly
88, 9.386, 262.525

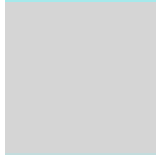


Tritanomaly
88, 21.281, 216.904

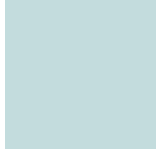
Monochromacy



Original Color
88, 22.050, 200.709



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 8.714, 202.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 22.050, 200.709 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(165, 233, 235)` looks like.

```
.text, #text, p{  
    color:rgb(165, 233, 235)  
}
```

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(165, 233, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 233, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 22.050, 200.709 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(165, 233, 235) }
```

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

```
.border{ border-color:rgb(165, 233, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 233, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 233, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 233, 235);  
box-shadow:4px 4px 4px 4px rgb(165, 233,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 22.050, 200.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 233, 235) }
```

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

```
.background{ background-color: rgb(165,  
233, 235) }
```

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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