

Converting Colors

CIELCh(88, 22.605, 201.148)

Have a look what the booklet for
CIELCh(88, 22.605, 201.148)
contains.

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Color

CIELCh(88, 22.621, 200.603)

Conversions

Conversions Part 1

Format	Color
Hex	A3E9EB
RGB	163, 233, 235
RGB Percent	64%, 91%, 92%
CMY	0.3608, 0.0862, 0.0784
CMYK	0.31, 0.01, 0.00, 0.08
HSL	182°, 64%, 78%
HSV	182°, 31%, 92%
XYZ	59.2410, 72.0653, 89.3877
YIQ	212.2980, -42.3620, -14.2180

Conversions

Conversions Part 2

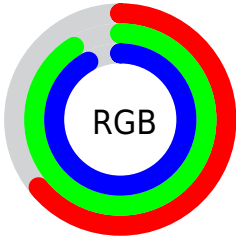
Format	Color
R_{YB}	163, 198, 235
Decimal	10742251
CIE _{Lab}	88.00, -21.17, -7.96
CIE _{LCh}	88, 22.621, 200.603
Yxy	72.0653, 0.2684, 0.3265
Android (android.graphics.Color)	4288932331 (0xFFA3E9EB)
YUV	212.2980, 11.1921, -43.2343
Hunter-Lab	84.8913, -23.9943, -3.0065

Details

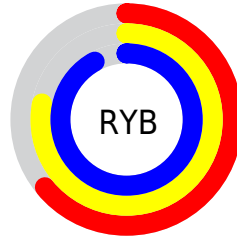
The CIELCh color **88, 22.621, 200.603** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74, 28.040, 24.056**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.803, 198.717**, and **68, 22.625, 200.418** is the 20% darker color. If you saturate the color by 10%, you get **87, 28.704, 200.336**, and if you desaturate by 10%, it is **89, 15.807, 200.945**.

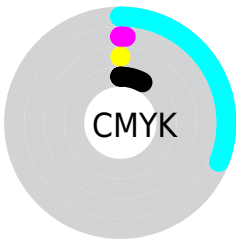
Distribution



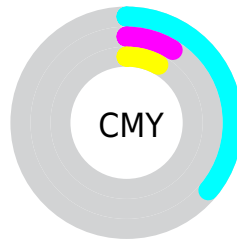
- Red (64%)
- Green (91%)
- Blue (92%)



- Red (64%)
- Yellow (78%)
- Blue (92%)



- Cyan (31%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)



- Cyan (36%)
- Magenta (9%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 22.621, 200.603 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, 22.621, 200.603 by changing the saturation by 10% instead.


 88, 22.621,
200.603

 88, 22.621,
200.603

 100, 22.621,
200.603

 78, 22.621,
200.603

 68, 22.621,
200.603

 58, 22.621,
200.603

 48, 22.621,
200.603

 38, 22.621,
200.603

 28, 22.621,
200.603

 18, 22.621,

200.603

■ 8, 22.621, 200.603

■ 0, 22.621, 200.603

■ 88, 22.621,
200.603

■ 88, 22.621,
200.603

■ 87, 28.704,
200.336

■ 89, 15.807,
200.945

■ 86, 33.930,
200.163

■ 91, 8.395, 201.378

■ 93, 0.514, 202.970

■ 85, 38.196,
200.090

■ 95, 6.984, 22.349

■ 84, 41.436,
200.128

■ 95, 6.771, 25.232

■ 83, 43.639,

■ 95, 6.577, 28.293

200.282

95, 6.403, 31.530

83, 44.861,
200.556

95, 6.251, 34.935

83, 45.307,
200.905

96, 6.122, 38.496

Harmonies

Complementary

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



88, 22.621, 200.603



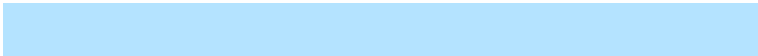
74, 28.040, 24.056

Rectangle

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



88, 22.621, 200.603



88, 22.621, 250.603



88, 22.621, 20.603



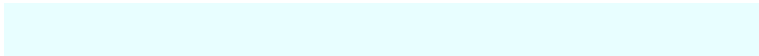
88, 22.621, 70.603

Sweetspot

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



88, 22.621, 200.599



98, 7.621, 201.459



87, 45.268, 142.708



52, 5.276, 201.384



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, 22.621, 200.599



94, 28.384, 200.417



79, 22.416, 262.119



48, 4.491, 201.437



65, 37.290, 200.828



19, 16.055, 200.154

Inverse Universe

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



76, 44.922, 326.883



78, 57.674, 327.232



83, 24.198, 73.303



46, 8.300, 325.694



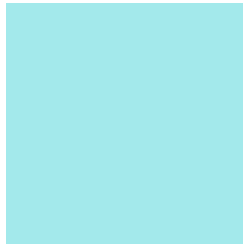
43, 87.447, 329.364



9, 37.565, 329.194

Previews

White Background



This preview shows how the CIE LCh color 88, 22.621, 200.603 looks on a white background.

Color Contrast Check

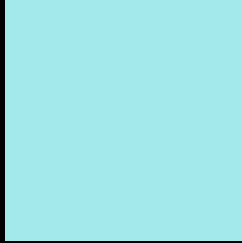
Large Text (above 18pt) WCAG AA × Fail

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, 22.621, 200.603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

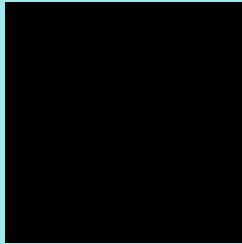
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 22.621, 200.603

Background



This preview shows how black text looks on a background with the CIELCh color 88, 22.621, 200.603.

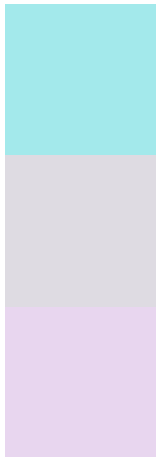


This preview shows how white text looks on a background with the CIELCh color 88, 22.621, 200.603.

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



Original Color
88, 22.621, 200.603

Protanopia
88, 3.831, 306.654

Deuteranopia
88, 14.591, 316.792

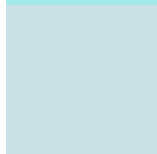


Tritanopia
88, 22.196, 223.448

Trichromacy



Original Color
88, 22.621, 200.603



Protanomaly
88, 8.307, 217.341



Deuteranomaly
88, 9.993, 262.309



Tritanomaly
88, 21.988, 214.777

Monochromacy



Original Color
88, 22.621, 200.603



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 9.066, 198.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 22.621, 200.603 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(163, 233, 235)` looks like.

```
.text, #text, p{  
    color:rgb(163, 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(163, 233, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 233, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 22.621, 200.603 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(163, 233, 235) }
```

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

```
.border{ border-color:rgb(163, 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(163, 233, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 233, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 233, 235);  
box-shadow:4px 4px 4px 4px rgb(163, 233,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 22.621, 200.603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 233, 235) }
```

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

```
.background{ background-color: rgb(163,  
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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