

Converting Colors

CIELCh(88, 20.584, 200.627)

Have a look what the booklet for
CIELCh(88, 20.584, 200.627)
contains.

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Color

CIELCh(88, 20.607, 200.992)

Conversions

Conversions Part 1

Format	Color
Hex	A9E8EA
RGB	169, 232, 234
RGB Percent	66%, 91%, 92%
CMY	0.3374, 0.0903, 0.0825
CMYK	0.28, 0.01, 0.00, 0.08
HSL	182°, 61%, 79%
HSV	182°, 28%, 92%
XYZ	60.0498, 72.0653, 88.5627
YIQ	213.3910, -38.1900, -12.7340

Conversions

Conversions Part 2

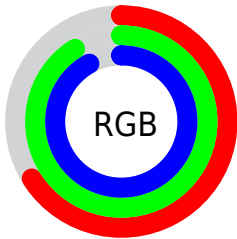
Format	Color
R_{YB}	169, 201, 234
Decimal	11135210
CIE _{Lab}	88.00, -19.24, -7.38
CIE _{LCh}	88, 20.607, 200.992
Yxy	72.0653, 0.2721, 0.3266
Android (android.graphics.Color)	4289325290 (0xFFA9E8EA)
YUV	213.3910, 10.1602, -38.9309
Hunter-Lab	84.8913, -22.2937, -2.4303

Details

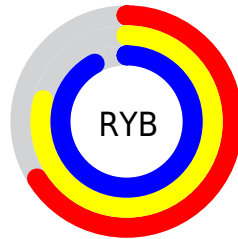
The CIELCh color **88, 20.607, 200.992** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76, 24.987, 23.979**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.843, 198.851**, and **68, 20.409, 200.893** is the 20% darker color. If you saturate the color by 10%, you get **87, 26.871, 200.716**, and if you desaturate by 10%, it is **90, 13.655, 201.343**.

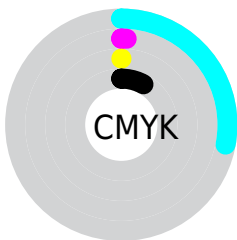
Distribution



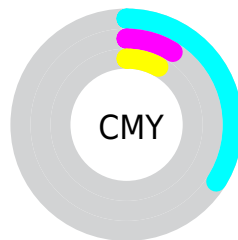
- Red (66%)
- Green (91%)
- Blue (92%)



- Red (66%)
- Yellow (79%)
- Blue (92%)



- Cyan (28%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)





- Cyan (34%)
- Magenta (9%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 20.607, 200.992 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, 20.607, 200.992 by changing the saturation by 10% instead.


 88, 20.607,
200.992


 88, 20.607,
200.992


 100, 20.607,
200.992


 78, 20.607,
200.992

 68, 20.607,
200.992

 58, 20.607,
200.992

 48, 20.607,
200.992

 38, 20.607,
200.992

 28, 20.607,
200.992

 18, 20.607,

200.992

■ 8, 20.607, 200.992

■ 0, 20.607, 200.992

■ 88, 20.607,
200.992

■ 88, 20.607,
200.992

■ 87, 26.871,
200.716

■ 90, 13.655,
201.343

■ 85, 32.317,
200.534

■ 91, 6.146, 201.801

■ 93, 1.795, 21.804

■ 85, 36.834,
200.454

■ 95, 7.278, 23.350

■ 84, 40.344,
200.486

■ 95, 7.051, 26.437

■ 83, 42.819,

■ 95, 6.846, 29.719

200.639

95, 6.664, 33.191

83, 44.293,
200.918

95, 6.509, 36.842

82, 44.897,
201.318

95, 6.382, 40.653

82, 44.977,
201.415

Harmonies

Complementary

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



88, 20.607, 200.992



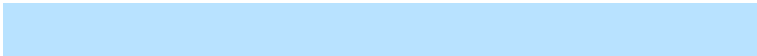
76, 24.987, 23.979

Rectangle

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



88, 20.607, 200.992



88, 20.607, 250.992



88, 20.607, 20.992



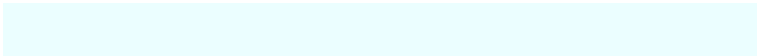
88, 20.607, 70.992

Sweetspot

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



88, 20.607, 200.988



98, 6.772, 201.787



87, 40.935, 142.960



52, 4.794, 201.707



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, 20.607, 200.988



94, 25.687, 200.831



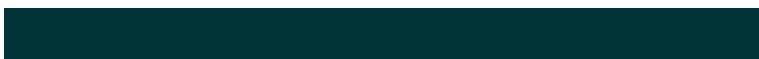
80, 20.283, 261.546



48, 4.478, 201.711



65, 37.144, 201.330



19, 16.000, 200.577

Inverse Universe

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



77, 40.555, 326.812



80, 51.516, 327.105



83, 21.723, 73.673



46, 8.283, 325.777



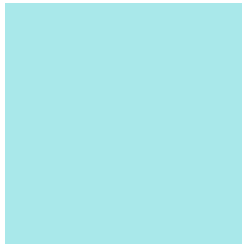
43, 87.242, 329.490



9, 37.490, 329.301

Previews

White Background



This preview shows how the CIE LCh color 88, 20.607, 200.992 looks on a white background.

Color Contrast Check

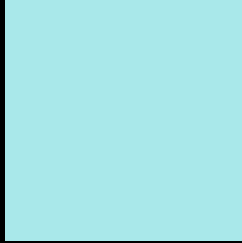
Large Text (above 18pt) WCAG AA × Fail

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, 20.607, 200.992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

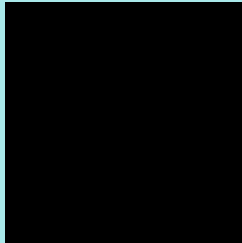
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 20.607, 200.992

Background



This preview shows how black text looks on a background with the CIELCh color 88, 20.607, 200.992.

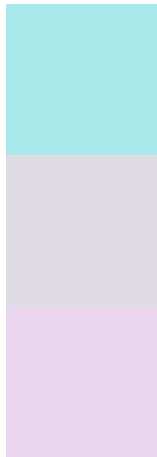


This preview shows how white text looks on a background with the CIELCh color 88, 20.607, 200.992.

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, 20.607, 200.992

Protanopia
88, 3.831, 306.654

Deuteranopia
88, 14.286, 318.990

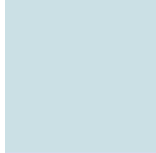


Tritanopia
88, 20.430, 225.919

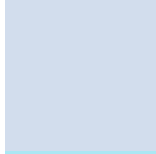
Trichromacy



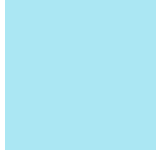
Original Color
88, 20.607, 200.992



Protanomaly
88, 7.672, 218.965



Deuteranomaly
88, 9.100, 266.331

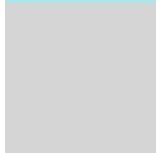


Tritanomaly
88, 20.092, 216.522

Monochromacy



Original Color
88, 20.607, 200.992



Achromatopsia
85, 0.010, 296.813



Achromatomaly
86, 8.039, 202.668

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 20.607, 200.992 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(169, 232, 234)` looks like.

```
.text, #text, p{  
    color:rgb(169, 232, 234)  
}
```

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(169, 232, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 232, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 20.607, 200.992 is called "border". The border property can be set on classes, ids or directly on the HTML element.

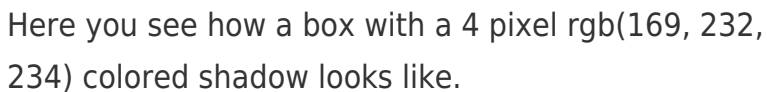
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 232, 234) }
```

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

```
.border{ border-color:rgb(169, 232, 234) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 232, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 232, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 232, 234);  
box-shadow:4px 4px 4px 4px rgb(169, 232,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 20.607, 200.992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 232, 234) }
```

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

```
.background{ background-color: rgb(169,  
232, 234) }
```

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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