

Converting Colors

CIELCh(88, 20.156, 204.195)

Have a look what the booklet for
CIELCh(88, 20.156, 204.195)
contains.

CIELCh(88, 20.272, 204.059)	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, 20.272, 204.059)

Conversions

Conversions Part 1

Format	Color
Hex	AAE8EC
RGB	170, 232, 236
RGB Percent	67%, 91%, 93%
CMY	0.3346, 0.0915, 0.0759
CMYK	0.28, 0.02, 0.00, 0.08
HSL	184°, 63%, 79%
HSV	184°, 28%, 92%
XYZ	60.3561, 72.0653, 89.8242
YIQ	213.9180, -38.2360, -11.9000

Conversions

Conversions Part 2

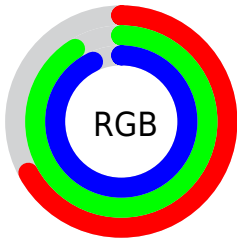
Format	Color
RYB	170, 202, 236
Decimal	11200748
CIELab	88.00, -18.51, -8.26
CIELCh	88, 20.272, 204.059
Yxy	72.0653, 0.2716, 0.3243
Android (android.graphics.Color)	4289390828 (0xFFAAE8EC)
YUV	213.9180, 10.8864, -38.5161
Hunter-Lab	84.8913, -21.6495, -3.3114

Details

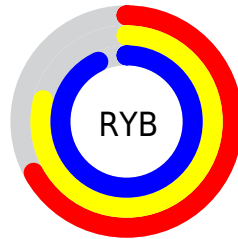
The CIELCh color **88, 20.272, 204.059** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77, 24.685, 26.378**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.514, 198.874**, and **68, 20.340, 204.072** is the 20% darker color. If you saturate the color by 10%, you get **86, 26.367, 203.949**, and if you desaturate by 10%, it is **90, 13.498, 204.268**.

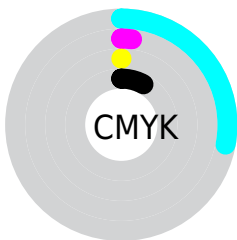
Distribution



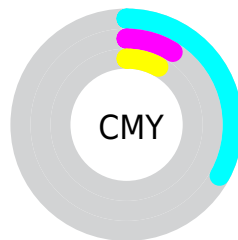
- Red (67%)
- Green (91%)
- Blue (93%)



- Red (67%)
- Yellow (79%)
- Blue (93%)



- Cyan (28%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)





- Cyan (33%)
- Magenta (9%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 20.272, 204.059 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, 20.272, 204.059 by changing the saturation by 10% instead.


 88, 20.272,
204.059


 88, 20.272,
204.059


 100, 20.272,
204.059


 78, 20.272,
204.059

 68, 20.272,
204.059

 58, 20.272,
204.059

 48, 20.272,
204.059

 38, 20.272,
204.059

 28, 20.272,
204.059

 18, 20.272,

204.059

■ 8, 20.272, 204.059

■ 0, 20.272, 204.059

■ 88, 20.272,
204.059

■ 88, 20.272,
204.059

■ 86, 26.367,
203.949

■ 90, 13.498,
204.268

■ 85, 31.654,
203.965

■ 92, 6.174, 204.601

■ 94, 1.578, 24.443

■ 84, 36.023,
204.124

■ 95, 6.395, 27.590

■ 83, 39.392,
204.446

■ 96, 6.034, 35.080

■ 82, 41.729,

■ 96, 5.790, 43.355

204.953

96, 5.675, 52.152

81, 43.069,
205.661

97, 5.699, 61.081

81, 43.546,
206.575

97, 5.859, 69.718

81, 43.595,
206.769

Harmonies

Complementary

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



88, 20.272, 204.059



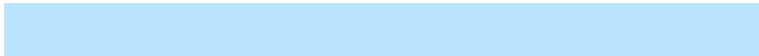
77, 24.685, 26.378

Rectangle

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



88, 20.272, 204.059



88, 20.272, 254.059



88, 20.272, 24.059



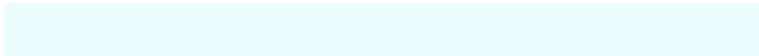
88, 20.272, 74.059

Sweetspot

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



88, 20.272, 204.055



98, 6.580, 204.600



88, 40.567, 143.841



52, 4.658, 204.538



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, 20.272, 204.055



93, 25.588, 203.976



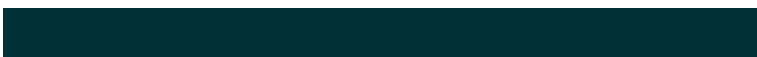
79, 21.301, 265.058



48, 4.351, 204.541



63, 35.824, 206.581



18, 15.497, 204.977

Inverse Universe

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



77, 40.293, 327.695



80, 51.983, 328.042



84, 22.474, 76.992



46, 8.116, 326.623



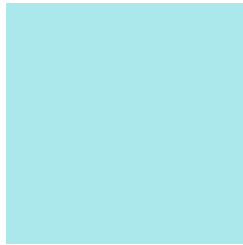
42, 85.224, 330.794



9, 36.749, 330.398

Previews

White Background



This preview shows how the CIE LCh color 88, 20.272, 204.059 looks on a white background.

Color Contrast Check

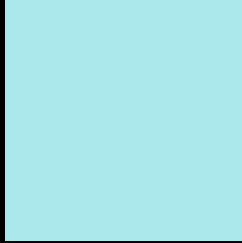
Large Text (above 18pt) WCAG AA × Fail

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, 20.272, 204.059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

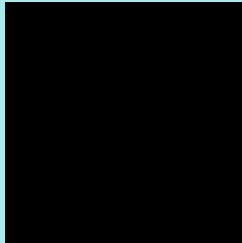
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 20.272, 204.059

Background



This preview shows how black text looks on a background with the CIELCh color 88, 20.272, 204.059.



This preview shows how white text looks on a background with the CIELCh color 88, 20.272, 204.059.

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



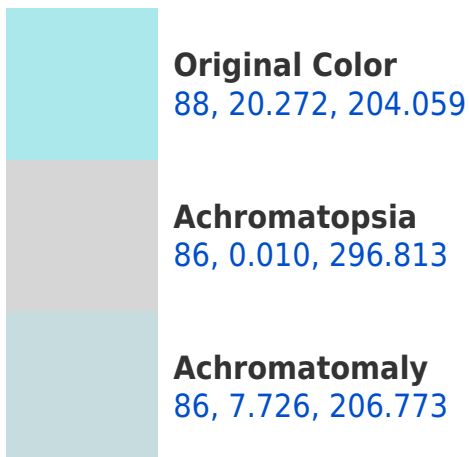


Tritanopia
88, 20.430, 225.919

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 20.272, 204.059 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(170, 232, 236)` looks like.

```
.text, #text, p{  
    color:rgb(170, 232, 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(170, 232, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 232, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 20.272, 204.059 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(170, 232, 236) }
```

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

```
.border{ border-color:rgb(170, 232, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 232, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 232, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 232, 236);  
box-shadow:4px 4px 4px 4px rgb(170, 232,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 20.272, 204.059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 232, 236) }
```

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

```
.background{ background-color: rgb(170,  
232, 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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