

Converting Colors

CIELCh(88, 22.994, 200.257)

Have a look what the booklet for
CIELCh(88, 22.994, 200.257)
contains.

CIELCh(88, 22.905, 200.552)	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, 22.905, 200.552)

Conversions

Conversions Part 1

Format	Color
Hex	A2E9EB
RGB	162, 233, 235
RGB Percent	64%, 91%, 92%
CMY	0.3641, 0.0857, 0.0778
CMYK	0.31, 0.01, 0.00, 0.08
HSL	182°, 65%, 78%
HSV	182°, 31%, 92%
XYZ	59.1275, 72.0653, 89.5036
YIQ	211.9990, -42.9580, -14.4300

Conversions

Conversions Part 2

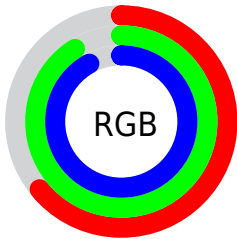
Format	Color
RYB	162, 198, 235
Decimal	10676715
CIELab	88.00, -21.45, -8.04
CIELCh	88, 22.905, 200.552
Yxy	72.0653, 0.2679, 0.3265
Android (android.graphics.Color)	4288866795 (0xFFA2E9EB)
YUV	211.9990, 11.3395, -43.8491
Hunter-Lab	84.8913, -24.2330, -3.0874

Details

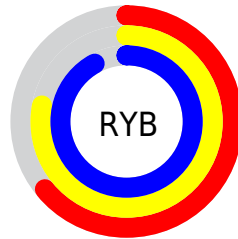
The CIELCh color **88, 22.905, 200.552** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **74, 28.483, 24.074**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 12.126, 198.696**, and **68, 22.893, 200.365** is the 20% darker color. If you saturate the color by 10%, you get **87, 28.961, 200.286**, and if you desaturate by 10%, it is **89, 16.112, 200.893**.

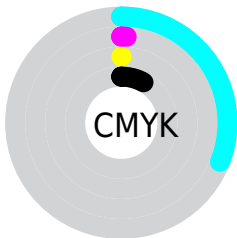
Distribution



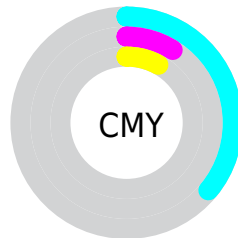
- Red (64%)
- Green (91%)
- Blue (92%)



- 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, 22.905, 200.552 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, 22.905, 200.552 by changing the saturation by 10% instead.

■ 88, 22.905,
200.552

■ 88, 22.905,
200.552

■ 100, 22.905,
200.552

■ 78, 22.905,
200.552

■ 68, 22.905,
200.552

■ 58, 22.905,
200.552

■ 48, 22.905,
200.552

■ 38, 22.905,
200.552

■ 28, 22.905,
200.552

■ 18, 22.905,

200.552

■ 8, 22.905, 200.552

■ 0, 22.905, 200.552

■ 88, 22.905,
200.552

■ 88, 22.905,
200.552

■ 87, 28.961,
200.286

■ 89, 16.112,
200.893

■ 86, 34.155,
200.114

■ 91, 8.715, 201.322

■ 85, 38.383,
200.043

■ 93, 0.844, 202.441

■ 84, 41.584,
200.082

■ 95, 6.942, 22.216

■ 84, 43.748,

■ 95, 6.731, 25.074

■ 95, 6.538, 28.108

200.237

95, 6.365, 31.315

83, 44.934,
200.510

95, 6.214, 34.691

83, 45.351,
200.841

96, 6.085, 38.221

Harmonies

Complementary

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



88, 22.905, 200.552



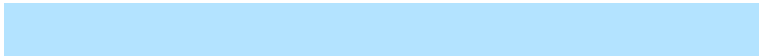
74, 28.483, 24.074

Rectangle

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



88, 22.905, 200.552



88, 22.905, 250.552



88, 22.905, 20.552



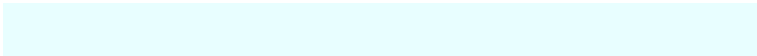
88, 22.905, 70.552

Sweetspot

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



88, 22.905, 200.548



98, 7.624, 201.424



87, 45.887, 142.671



52, 5.278, 201.349



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, 22.905, 200.548



94, 28.395, 200.378



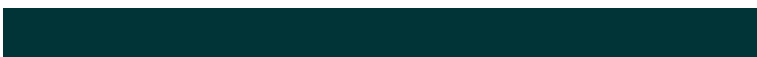
78, 22.721, 262.203



48, 4.493, 201.402



65, 37.309, 200.764



19, 16.062, 200.101

Inverse Universe

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



76, 45.545, 326.894



78, 57.688, 327.221



83, 24.556, 73.250



46, 8.302, 325.684



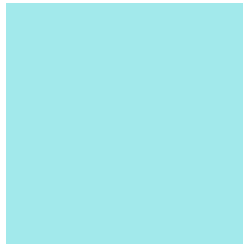
43, 87.473, 329.348



9, 37.575, 329.180

Previews

White Background



This preview shows how the CIE LCh color 88, 22.905, 200.552 looks on a white background.

Color Contrast Check

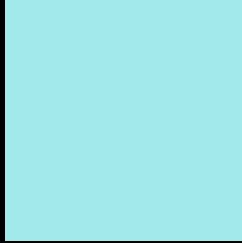
Large Text (above 18pt) WCAG AA × Fail

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, 22.905, 200.552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

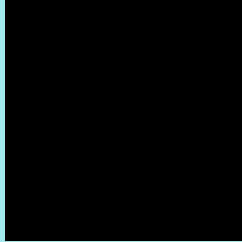
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 22.905, 200.552

Background



This preview shows how black text looks on a background with the CIELCh color 88, 22.905, 200.552.

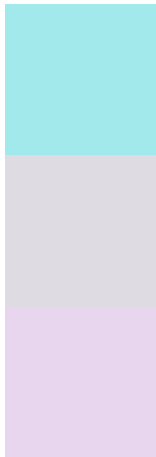


This preview shows how white text looks on a background with the CIELCh color 88, 22.905, 200.552.

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, 22.905, 200.552

Protanopia
88, 3.831, 306.654

Deuteranopia
88, 14.591, 316.792

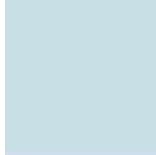


Tritanopia
88, 22.196, 223.448

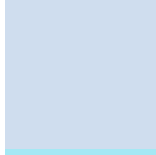
Trichromacy



Original Color
88, 22.905, 200.552



Protanomaly
88, 8.626, 216.619



Deuteranomaly
88, 9.993, 262.309

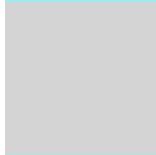


Tritanomaly
88, 21.988, 214.777

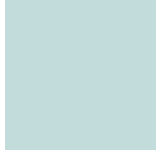
Monochromacy



Original Color
88, 22.905, 200.552



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, 22.905, 200.552 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(162, 233, 235)` looks like.

```
.text, #text, p{  
    color:rgb(162, 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(162, 233, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 233, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 22.905, 200.552 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(162, 233, 235) }
```

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

```
.border{ border-color:rgb(162, 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(162, 233, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 233, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 233, 235);  
box-shadow:4px 4px 4px 4px rgb(162, 233,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 22.905, 200.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 233, 235) }
```

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

```
.background{ background-color: rgb(162,  
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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