

Converting Colors

CIELCh(88, 20.175, 226.310)

Have a look what the booklet for
CIELCh(88, 20.175, 226.310)
contains.

CIELCh(88, 20.175, 226.310)	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, 20.175, 226.310)

Conversions

Conversions Part 1

Format	Color
Hex	ADE6F8
RGB	173, 230, 248
RGB Percent	68%, 90%, 97%
CMY	0.3226, 0.0990, 0.0285
CMYK	0.30, 0.07, 0.00, 0.03
HSL	194°, 84%, 82%
HSV	194°, 30%, 97%
XYZ	62.3042, 72.0653, 99.2189
YIQ	215.0090, -39.7500, -6.4860

Conversions

Conversions Part 2

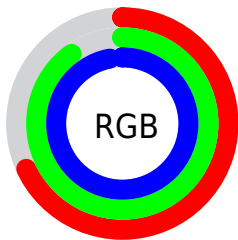
Format	Color
R_{YB}	173, 205, 248
Decimal	11396856
CIE _{Lab}	88.00, -13.94, -14.59
CIE _{LCh}	88, 20.175, 226.310
Yxy	72.0653, 0.2667, 0.3085
Android (android.graphics.Color)	4289586936 (0xFFADE6F8)
YUV	215.0090, 16.2646, -36.8419
Hunter-Lab	84.8913, -17.5533, -9.8729

Details

The CIELCh color **88, 20.175, 226.310** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 24.732, 43.316**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.521, 198.944**, and **68, 20.276, 227.656** is the 20% darker color. If you saturate the color by 10%, you get **85, 25.822, 227.491**, and if you desaturate by 10%, it is **91, 13.954, 225.419**.

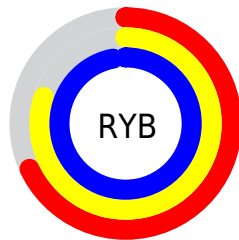
Distribution



Red (68%)

Green (90%)

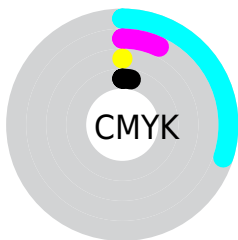
Blue (97%)



Red (68%)

Yellow (80%)

Blue (97%)

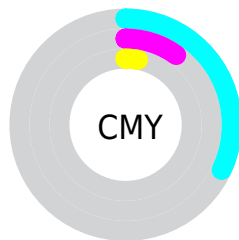


Cyan (30%)

Magenta (7%)

Yellow (0%)

Black (3%)



Cyan (32%)


Magenta (10%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 20.175, 226.310 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, 20.175, 226.310 by changing the saturation by 10% instead.


 88, 20.175,
226.310


 88, 20.175,
226.310


 100, 20.175,
226.310


 78, 20.175,
226.310

 68, 20.175,
226.310

 58, 20.175,
226.310

 48, 20.175,
226.310

 38, 20.175,
226.310

 28, 20.175,
226.310

 18, 20.175,

226.310

■ 8, 20.175, 226.310

■ 0, 20.175, 226.310

■ 88, 20.175,
226.310

■ 88, 20.175,
226.310

■ 85, 25.822,
227.491

■ 91, 13.954,
225.419

■ 82, 30.797,
229.045

■ 94, 7.263, 224.788

■ 80, 35.015,
231.054

■ 97, 0.199, 227.354

■ 77, 38.432,
233.612

■ 99, 2.965, 99.804

■ 100, 3.672,
109.883

■ 75, 41.063,

236.809

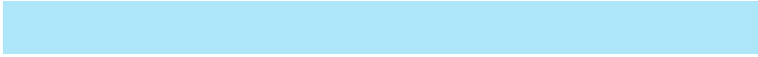
■ 73, 43.010,
240.702

■ 71, 44.488,
245.066

Harmonies

Complementary

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



88, 20.175, 226.310



82, 24.732, 43.316

Rectangle

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



88, 20.175, 226.310



88, 20.175, 276.310



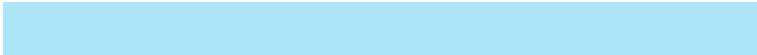
88, 20.175, 46.310



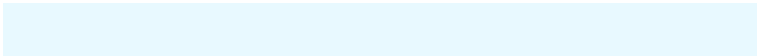
88, 20.175, 96.310

Sweetspot

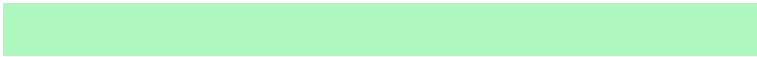
The Sweet Spot groups the original color and five complimentary colors.



88, 20.175, 226.306



97, 6.536, 224.729



91, 40.009, 149.343



51, 4.526, 224.798



0, 0.000, 0.000



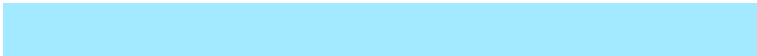
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 20.175, 226.306



89, 24.039, 226.951



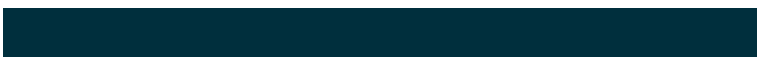
78, 29.886, 280.646



51, 4.056, 224.752



56, 36.112, 244.222



17, 15.941, 237.748

Inverse Universe

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



79, 40.069, 334.020



78, 48.628, 334.451



91, 29.393, 92.320



49, 7.536, 332.552



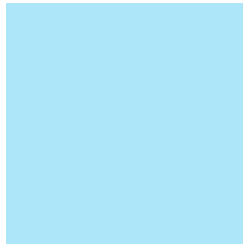
42, 76.638, 340.713



11, 35.441, 338.773

Previews

White Background



This preview shows how the CIELCh color 88, 20.175, 226.310 looks on a white background.

Color Contrast Check

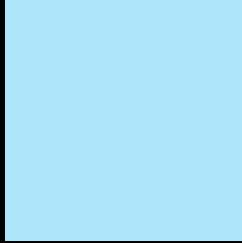
Large Text (above 18pt) WCAG AA × Fail

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, 20.175, 226.310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

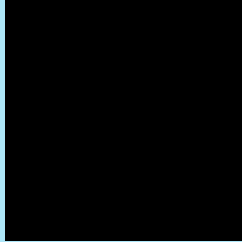
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 20.175, 226.310

Background



This preview shows how black text looks on a background with the CIELCh color 88, 20.175, 226.310.



This preview shows how white text looks on a background with the CIELCh color 88, 20.175, 226.310.

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, 20.175, 226.310

Trichromacy



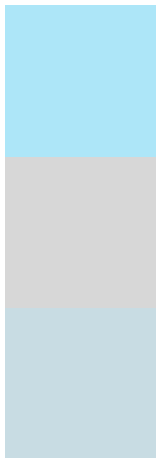
Original Color
88, 20.175, 226.310

Protanomaly
88, 12.449, 256.460

Deuteranomaly
88, 16.162, 275.912

Tritanomaly
88, 20.175, 226.310

Monochromacy



Original Color
88, 20.175, 226.310

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 7.763, 227.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 20.175, 226.310 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(173, 230, 248)` looks like.

```
.text, #text, p{  
    color:rgb(173, 230, 248)  
}
```

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(173, 230, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 230, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 20.175, 226.310 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(173, 230, 248) }
```

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

```
.border{ border-color:rgb(173, 230, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 230, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 230, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 230, 248);  
box-shadow:4px 4px 4px 4px rgb(173, 230,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 20.175, 226.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 230, 248) }
```

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

```
.background{ background-color: rgb(173,  
230, 248) }
```

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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