

Converting Colors

CIELCh(88, 18.843, 219.582)

Have a look what the booklet for
CIELCh(88, 18.843, 219.582)
contains.

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Color

CIELCh(88, 18.843, 219.587)

Conversions

Conversions Part 1

Format	Color
Hex	AFE6F3
RGB	175, 230, 243
RGB Percent	69%, 90%, 95%
CMY	0.3143, 0.0986, 0.0477
CMYK	0.28, 0.05, 0.00, 0.05
HSL	191°, 74%, 82%
HSV	191°, 28%, 95%
XYZ	62.0526, 72.0653, 95.3099
YIQ	215.0370, -36.9530, -7.6170

Conversions

Conversions Part 2

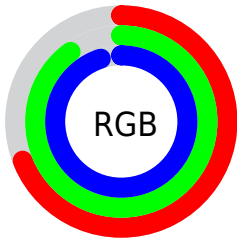
Format	Color
RYB	175, 205, 243
Decimal	11527923
CIELab	88.00, -14.52, -12.01
CIELCh	88, 18.843, 219.587
Yxy	72.0653, 0.2705, 0.3141
Android (android.graphics.Color)	4289718003 (0xFFAFE6F3)
YUV	215.0370, 13.7858, -35.1124
Hunter-Lab	84.8913, -18.0824, -7.1427

Details

The CIELCh color **88, 18.843, 219.587** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 22.895, 38.305**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 7.855, 198.993**, and **68, 18.930, 220.502** is the 20% darker color. If you saturate the color by 10%, you get **85, 24.567, 220.345**, and if you desaturate by 10%, it is **91, 12.524, 219.056**.

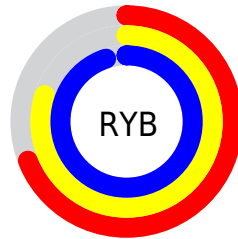
Distribution



Red (69%)

Green (90%)

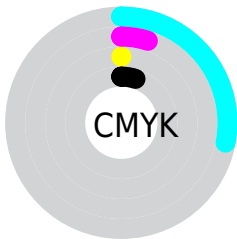
Blue (95%)



Red (69%)

Yellow (80%)

Blue (95%)

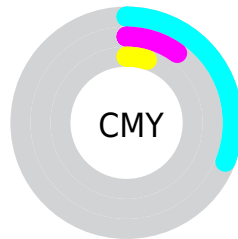


Cyan (28%)

Magenta (5%)

Yellow (0%)

Black (5%)



Cyan (31%)

Magenta (10%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 18.843, 219.587 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, 18.843, 219.587 by changing the saturation by 10% instead.

■ 88, 18.843,
219.587

■ 88, 18.843,
219.587

■ 100, 18.843,
219.587

■ 78, 18.843,
219.587

■ 68, 18.843,
219.587

■ 58, 18.843,
219.587

■ 48, 18.843,
219.587

■ 38, 18.843,
219.587

■ 28, 18.843,
219.587

■ 18, 18.843,

219.587

■ 8, 18.843, 219.587

■ 0, 18.843, 219.587

■ 88, 18.843,
219.587

■ 88, 18.843,
219.587

■ 85, 24.567,
220.345

■ 91, 12.524,
219.056

■ 83, 29.584,
221.399

■ 93, 5.722, 218.751

■ 96, 1.461, 37.983

■ 81, 33.794,
222.812

■ 98, 3.654, 70.082

■ 79, 37.125,
224.663

■ 99, 5.212, 102.157

■ 77, 39.560,

■ 100, 6.151,

227.037

109.705

■ 75, 41.153,
230.009

■ 74, 42.074,
233.596

■ 74, 42.233,
234.346

Harmonies

Complementary

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



88, 18.843, 219.587



81, 22.895, 38.305

Rectangle

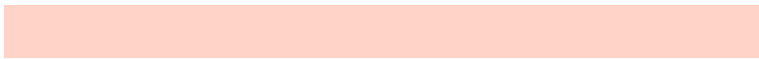
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 18.843, 219.587



88, 18.843, 269.587



88, 18.843, 39.587



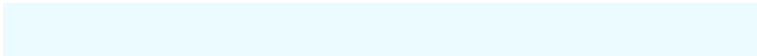
88, 18.843, 89.587

Sweetspot

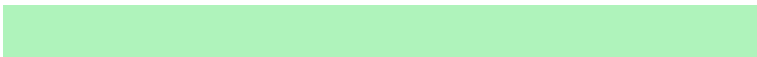
The Sweet Spot groups the original color and five complimentary colors.



88, 18.843, 219.582



98, 5.953, 218.751



90, 37.810, 147.860



52, 4.215, 218.779



0, 0.000, 0.000



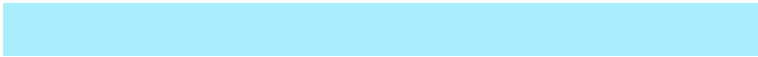
53, 0.007, 296.813

Same Dimension

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



88, 18.843, 219.582



90, 23.251, 220.016



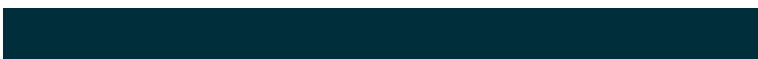
79, 25.521, 276.693



50, 4.076, 218.778



58, 34.551, 233.651



17, 15.282, 228.123

Inverse Universe

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



79, 37.744, 332.008



79, 47.555, 332.422



89, 25.536, 88.841



48, 7.671, 330.782



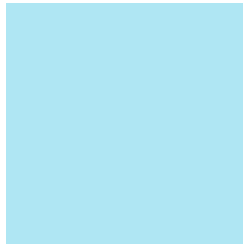
42, 78.632, 337.627



10, 35.635, 336.154

Previews

White Background



This preview shows how the CIE LCh color 88, 18.843, 219.587 looks on a white background.

Color Contrast Check

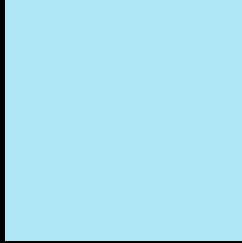
Large Text (above 18pt) WCAG AA × Fail

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, 18.843, 219.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

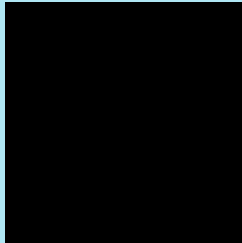
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 18.843, 219.587

Background



This preview shows how black text looks on a background with the CIELCh color 88, 18.843, 219.587.

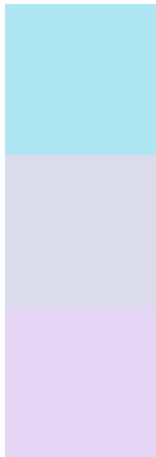


This preview shows how white text looks on a background with the CIELCh color 88, 18.843, 219.587.

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, 18.843, 219.587

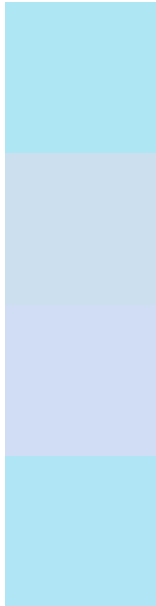
Protanopia
88, 8.889, 290.918

Deuteranopia
88, 17.606, 308.580



Tritanopia
88, 19.163, 228.004

Trichromacy



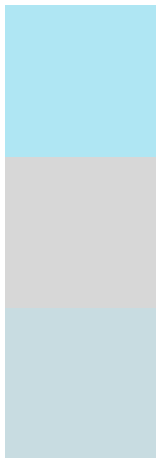
Original Color
88, 18.843, 219.587

Protanomaly
88, 10.245, 249.203

Deuteranomaly
88, 13.501, 275.288

Tritanomaly
88, 18.779, 225.004

Monochromacy



Original Color
88, 18.843, 219.587

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.377, 219.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 18.843, 219.587 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(175, 230, 243)` looks like.

```
.text, #text, p{  
    color:rgb(175, 230, 243)  
}
```

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(175, 230, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 230, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 18.843, 219.587 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(175, 230, 243) }
```

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

```
.border{ border-color:rgb(175, 230, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 230, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 230, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 230, 243); box-shadow:4px 4px 4px 4px rgb(175, 230, 243) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 18.843, 219.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 230, 243) }
```

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

```
.background{ background-color: rgb(175,  
230, 243) }
```

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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