

Converting Colors

CIELCh(88, 14.357, 219.082)

Have a look what the booklet for
CIELCh(88, 14.357, 219.082)
contains.

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Color

CIELCh(88, 14.341, 217.803)

Conversions

Conversions Part 1

Format	Color
Hex	BBE4ED
RGB	187, 228, 237
RGB Percent	73%, 89%, 93%
CMY	0.2672, 0.1064, 0.0711
CMYK	0.21, 0.04, 0.00, 0.07
HSL	191°, 58%, 83%
HSV	191°, 21%, 93%
XYZ	63.4319, 72.0653, 90.5818
YIQ	216.7670, -27.3250, -5.8930

Conversions

Conversions Part 2

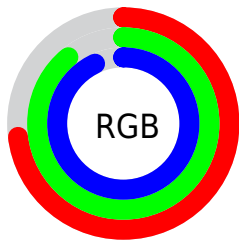
Format	Color
R _Y B	187, 210, 237
Decimal	12313837
CIE Lab	88.00, -11.33, -8.79
CIE LCh	88, 14.341, 217.803
Yxy	72.0653, 0.2806, 0.3188
Android (android.graphics.Color)	4290503917 (0xFFBBE4ED)
YUV	216.7670, 9.9749, -26.1057
Hunter-Lab	84.8913, -15.1821, -3.8405

Details

The CIELCh color **88, 14.341, 217.803** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 16.543, 37.075**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.799, 199.339**, and **68, 14.347, 216.352** is the 20% darker color. If you saturate the color by 10%, you get **86, 20.394, 218.318**, and if you desaturate by 10%, it is **91, 7.773, 217.480**.

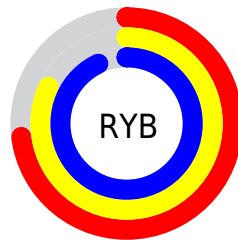
Distribution



Red (73%)

Green (89%)

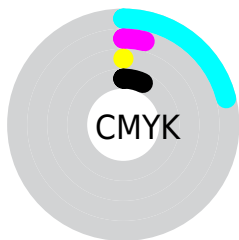
Blue (93%)



Red (73%)

Yellow (82%)

Blue (93%)

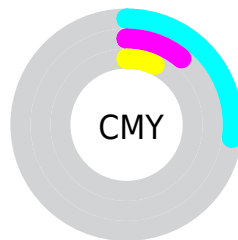


Cyan (21%)

Magenta (4%)

Yellow (0%)

Black (7%)



Cyan (27%)


Magenta (11%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 14.341, 217.803 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, 14.341, 217.803 by changing the saturation by 10% instead.


 88, 14.341,
217.803


 88, 14.341,
217.803


 100, 14.341,
217.803


 78, 14.341,
217.803

 68, 14.341,
217.803

 58, 14.341,
217.803

 48, 14.341,
217.803

 38, 14.341,
217.803

 28, 14.341,
217.803

 18, 14.341,

217.803

■ 8, 14.341, 217.803

■ 0, 14.341, 217.803

■ 88, 14.341,
217.803

■ 88, 14.341,
217.803

■ 86, 20.394,
218.318

■ 91, 7.773, 217.480

■ 83, 25.819,
219.078

■ 93, 0.796, 217.971

■ 96, 5.489, 40.235

■ 81, 30.506,
220.132

■ 97, 5.450, 68.221

■ 79, 34.362,
221.546

■ 98, 6.580, 91.174

■ 99, 8.413, 105.722

■ 77, 37.326,

223.399

100, 9.181,
109.482

75, 39.397,
225.770

74, 40.652,
228.726

73, 41.281,
231.801

Harmonies

Complementary

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



88, 14.341, 217.803



82, 16.543, 37.075

Rectangle

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



88, 14.341, 217.803



88, 14.341, 267.803



88, 14.341, 37.803



88, 14.341, 87.803

Sweetspot

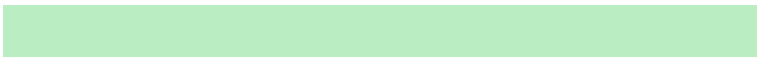
The Sweet Spot groups the original color and five complimentary colors.



88, 14.341, 217.796



98, 4.516, 217.423



89, 28.278, 147.921



52, 2.991, 217.423



0, 0.000, 0.000



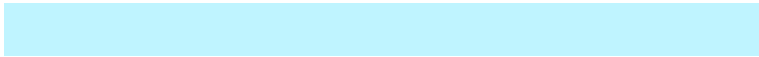
53, 0.007, 296.813

Same Dimension

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



88, 14.341, 217.796



93, 17.792, 217.979



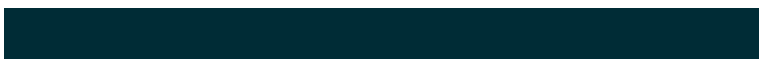
82, 18.375, 274.186



48, 3.962, 217.450



57, 33.729, 231.124



16, 14.426, 225.400

Inverse Universe

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



81, 28.104, 331.148



85, 35.348, 331.410



88, 18.461, 88.422



46, 7.466, 330.392



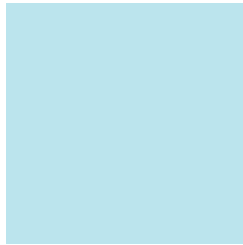
41, 77.697, 336.944



9, 33.944, 335.452

Previews

White Background



This preview shows how the CIELCh color 88, 14.341, 217.803 looks on a white background.

Color Contrast Check

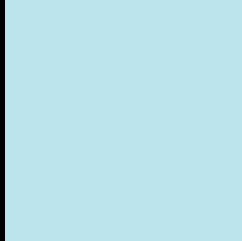
Large Text (above 18pt) WCAG AA × Fail

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, 14.341, 217.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

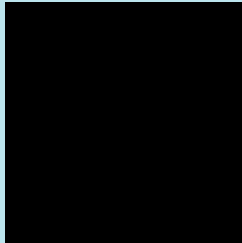
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

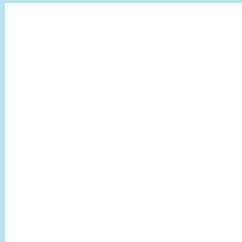
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 14.341, 217.803

Background



This preview shows how black text looks on a background with the CIELCh color 88, 14.341, 217.803.

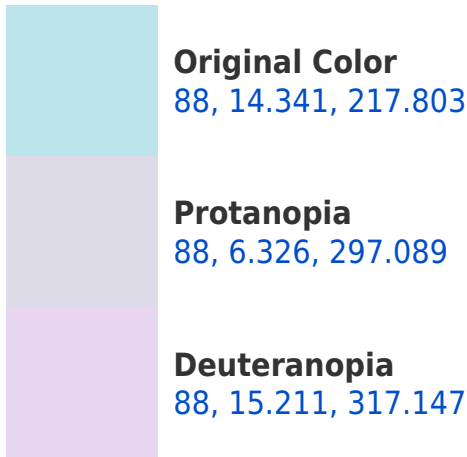


This preview shows how white text looks on a background with the CIELCh color 88, 14.341, 217.803.

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](#).

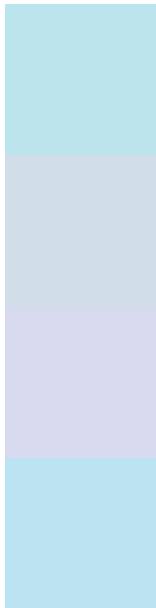
Dichromacy





Tritanopia
88, 15.647, 235.835

Trichromacy



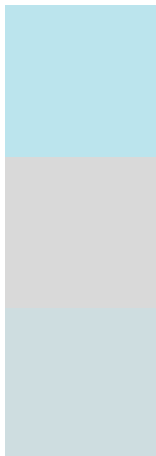
Original Color
88, 14.341, 217.803

Protanomaly
88, 7.221, 252.133

Deuteranomaly
88, 10.490, 285.394

Tritanomaly
88, 14.881, 230.613

Monochromacy



Original Color
88, 14.341, 217.803

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 5.463, 215.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 14.341, 217.803 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(187, 228, 237)` looks like.

```
.text, #text, p{  
    color:rgb(187, 228, 237)  
}
```

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(187, 228, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 228, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 14.341, 217.803 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(187, 228, 237) }
```

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

```
.border{ border-color:rgb(187, 228, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 228, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 228, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 228, 237);  
box-shadow:4px 4px 4px 4px rgb(187, 228,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 14.341, 217.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 228, 237) }
```

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

```
.background{ background-color: rgb(187,  
228, 237) }
```

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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