

Converting Colors

CIELCh(88, 15.747, 232.975)

Have a look what the booklet for
CIELCh(88, 15.747, 232.975)
contains.

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Color

CIELCh(88, 15.632, 233.481)

Conversions

Conversions Part 1

Format	Color
Hex	BBE3F4
RGB	187, 227, 244
RGB Percent	73%, 89%, 96%
CMY	0.2665, 0.1096, 0.0430
CMYK	0.23, 0.07, 0.00, 0.04
HSL	198°, 72%, 85%
HSV	198°, 23%, 96%
XYZ	64.3196, 72.0653, 96.1419
YIQ	216.9780, -29.2970, -3.1930

Conversions

Conversions Part 2

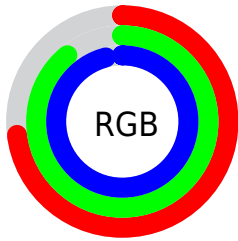
Format	Color
R_{YB}	187, 211, 244
Decimal	12313588
CIE _{Lab}	88.00, -9.30, -12.56
CIE _{LCh}	88, 15.632, 233.481
Yxy	72.0653, 0.2766, 0.3099
Android (android.graphics.Color)	4290503668 (0xFFBBE3F4)
YUV	216.9780, 13.3218, -26.2907
Hunter-Lab	84.8913, -13.3156, -7.7238

Details

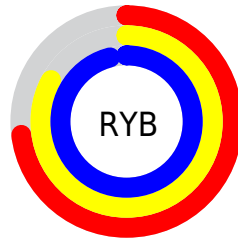
The CIELCh color **88, 15.632, 233.481** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 17.949, 49.886**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.799, 199.339**, and **68, 15.590, 233.150** is the 20% darker color. If you saturate the color by 10%, you get **85, 21.676, 234.803**, and if you desaturate by 10%, it is **91, 9.163, 232.451**.

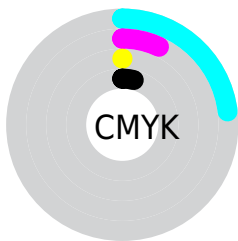
Distribution



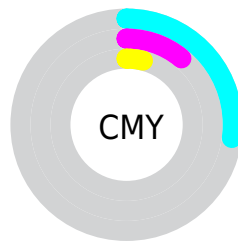
- Red (73%)
- Green (89%)
- Blue (96%)



- Red (73%)
- Yellow (83%)
- Blue (96%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)





- Cyan (27%)
- Magenta (11%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 15.632, 233.481 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, 15.632, 233.481 by changing the saturation by 10% instead.


 88, 15.632,
233.481


 88, 15.632,
233.481


 100, 15.632,
233.481


 78, 15.632,
233.481

 68, 15.632,
233.481

 58, 15.632,
233.481

 48, 15.632,
233.481

 38, 15.632,
233.481

 28, 15.632,
233.481

 18, 15.632,

233.481

■ 8, 15.632, 233.481

■ 0, 15.632, 233.481

■ 88, 15.632,
233.481

■ 88, 15.632,
233.481

■ 85, 21.676,
234.803

■ 91, 9.163, 232.451

■ 81, 27.212,
236.498

■ 95, 2.354, 231.815

■ 78, 32.162,
238.645

■ 98, 3.260, 68.167

■ 75, 36.476,
241.337

■ 100, 5.544,
109.750

■ 73, 40.149,

244.663

■ 70, 43.248,
248.684

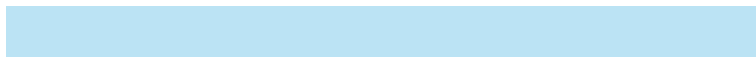
■ 68, 45.926,
253.387

■ 66, 47.623,
256.748

Harmonies

Complementary

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



88, 15.632, 233.481



85, 17.949, 49.886

Rectangle

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



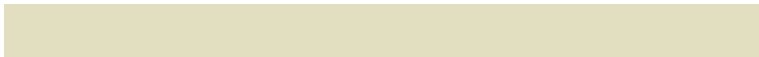
88, 15.632, 233.481



88, 15.632, 283.481



88, 15.632, 53.481



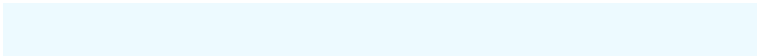
88, 15.632, 103.481

Sweetspot

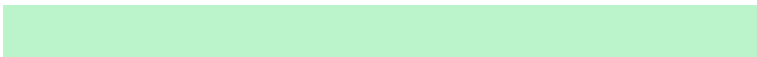
The Sweet Spot groups the original color and five complimentary colors.



88, 15.632, 233.475



97, 5.045, 231.963



92, 29.413, 151.830



52, 3.274, 232.002



0, 0.000, 0.000



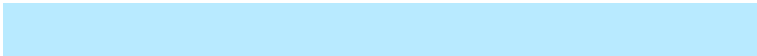
53, 0.007, 296.813

Same Dimension

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



88, 15.632, 233.475



90, 19.163, 234.059



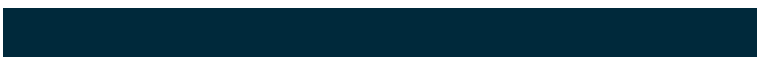
81, 23.974, 282.582



49, 3.942, 232.134



51, 38.555, 255.809



15, 16.224, 248.079

Inverse Universe

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



82, 29.351, 335.872



83, 36.470, 336.242



92, 23.428, 96.614



48, 7.107, 334.832



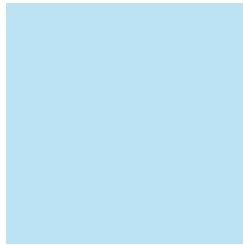
41, 72.945, 344.763



10, 33.294, 341.964

Previews

White Background



This preview shows how the CIE LCh color 88, 15.632, 233.481 looks on a white background.

Color Contrast Check

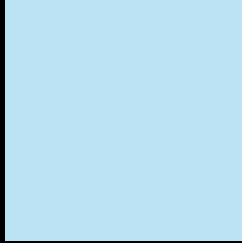
Large Text (above 18pt) WCAG AA × Fail

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, 15.632, 233.481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

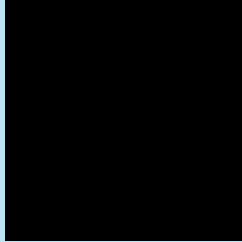
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 15.632, 233.481

Background



This preview shows how black text looks on a background with the CIELCh color 88, 15.632, 233.481.



This preview shows how white text looks on a background with the CIELCh color 88, 15.632, 233.481.

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, 15.632, 233.481

Protanopia
88, 10.456, 291.044

Deuteranopia
88, 18.105, 308.105



Tritanopia
88, 15.895, 235.152

Trichromacy



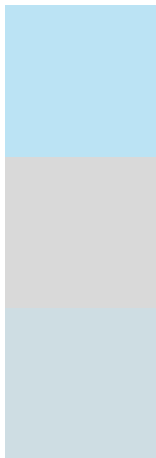
Original Color
88, 15.632, 233.481

Protanomaly
88, 11.044, 263.515

Deuteranomaly
88, 14.182, 284.481

Tritanomaly
88, 15.895, 235.152

Monochromacy



Original Color
88, 15.632, 233.481

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 6.046, 230.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 15.632, 233.481 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, 227, 244)` looks like.

```
.text, #text, p{  
    color:rgb(187, 227, 244)  
}
```

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, 227, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 227, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 15.632, 233.481 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, 227, 244) }
```

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

```
.border{ border-color:rgb(187, 227, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 227, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 227, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 227, 244);  
box-shadow:4px 4px 4px 4px rgb(187, 227,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 15.632, 233.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 227, 244) }
```

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

```
.background{ background-color: rgb(187,  
227, 244) }
```

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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