

# Converting Colors

CIELCh(88, 15.083, 262.255)

Have a look what the booklet for  
CIELCh(88, 15.083, 262.255)  
contains.

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# Color

**CIELCh(88, 15.226, 262.634)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9DFF9
RGB	201, 223, 249
RGB Percent	79%, 87%, 98%
CMY	0.2116, 0.1253, 0.0233
CMYK	0.19, 0.10, 0.00, 0.02
HSL	212°, 80%, 88%
HSV	212°, 19%, 98%
XYZ	67.6049, 72.0653, 100.0070
YIQ	219.3860, -21.4580, 3.4220

# Conversions

## Conversions Part 2

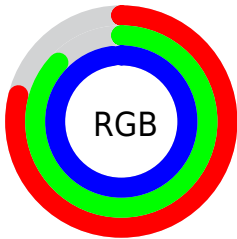
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	201, 216, 249
Decimal	13230073
CIE Lab	88.00, -1.95, -15.10
CIE LCh	88, 15.226, 262.634
Yxy	72.0653, 0.2821, 0.3007
Android (android.graphics.Color)	4291420153 (0xFFC9DFF9)
YUV	219.3860, 14.5997, -16.1245
Hunter-Lab	84.8913, -6.4075, -10.4233

# Details

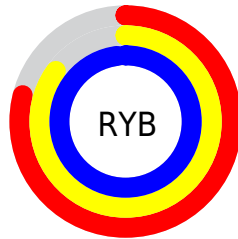
The CIELCh color `88, 15.226, 262.634` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `91, 15.813, 77.298`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 15.468, 262.458` is the 20% darker color. If you saturate the color by 10%, you get `83, 23.071, 264.479`, and if you desaturate by 10%, it is `93, 7.339, 261.084`.

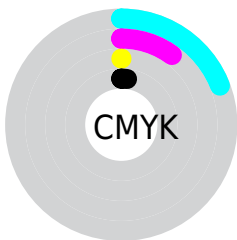
# Distribution



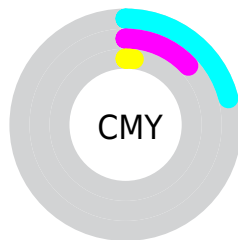
- Red (79%)
- Green (87%)
- Blue (98%)



- Red (79%)
- Yellow (85%)
- Blue (98%)



- Cyan (19%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)




- Cyan (21%)
- Magenta (13%)
- Yellow (2%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 15.226, 262.634 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, 15.226, 262.634 by changing the saturation by 10% instead.





 88, 15.226,  
262.634


 88, 15.226,  
262.634


 100, 15.226,  
262.634


 78, 15.226,  
262.634

 68, 15.226,  
262.634

 58, 15.226,  
262.634

 48, 15.226,  
262.634

 38, 15.226,  
262.634

 28, 15.226,  
262.634

 18, 15.226,

262.634

■ 8, 15.226, 262.634

■ 0, 15.226, 262.634

■ 88, 15.226,  
262.634

■ 88, 15.226,  
262.634

■ 83, 23.071,  
264.479

■ 93, 7.339, 261.084

■ 78, 30.860,  
266.677

■ 98, 0.565, 78.996

■ 73, 38.589,  
269.278

■ 100, 3.008,  
109.928

■ 68, 46.275,  
272.330

■ 63, 53.966,

275.851

■ 59, 61.743,  
279.809

■ 55, 69.696,  
284.087

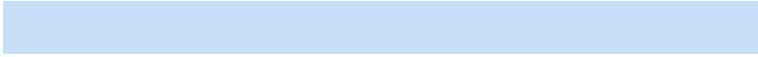
■ 51, 77.890,  
288.435

■ 51, 78.497,  
288.733

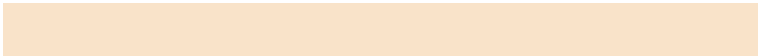
# Harmonies

# Complementary

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



88, 15.226, 262.634



91, 15.813, 77.298

# Rectangle

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



88, 15.226, 262.634



88, 15.226, 312.634



88, 15.226, 82.634



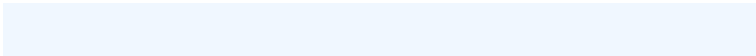
88, 15.226, 132.634

# Sweetspot

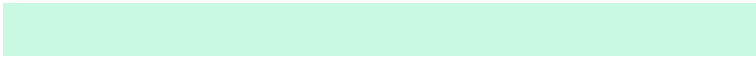
The Sweet Spot groups the original color and five complimentary colors.



88, 15.225, 262.628



97, 4.844, 260.654



94, 20.418, 163.760



51, 3.212, 260.736



0, 0.000, 0.000



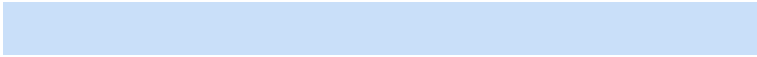
53, 0.007, 296.813



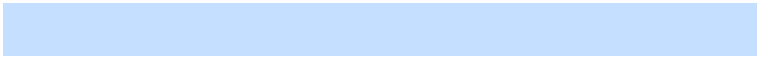


# Same Dimension

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



88, 15.225, 262.628



88, 18.505, 263.286



83, 25.468, 293.546



49, 4.511, 261.116



39, 62.606, 287.958



10, 24.728, 281.405



# Inverse Universe

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



86, 20.902, 347.717



85, 25.517, 348.118



97, 24.350, 109.713



49, 6.108, 346.740



40, 67.325, 6.074

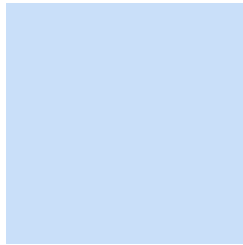


10, 30.735, 359.559



# Previews

## White Background



This preview shows how the CIE LCh color 88, 15.226, 262.634 looks on a white background.

## Color Contrast Check

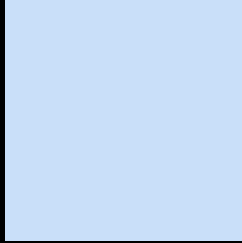
Large Text (above 18pt) WCAG AA × Fail

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, 15.226, 262.634 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

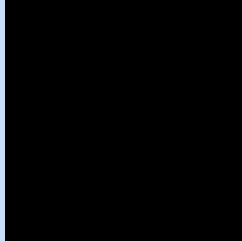
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

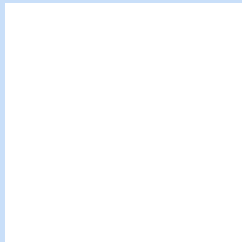
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 88, 15.226, 262.634

## Background



This preview shows how black text looks on a background with the CIELCh color 88, 15.226, 262.634.



This preview shows how white text looks on a background with the CIELCh color 88, 15.226, 262.634.

# 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

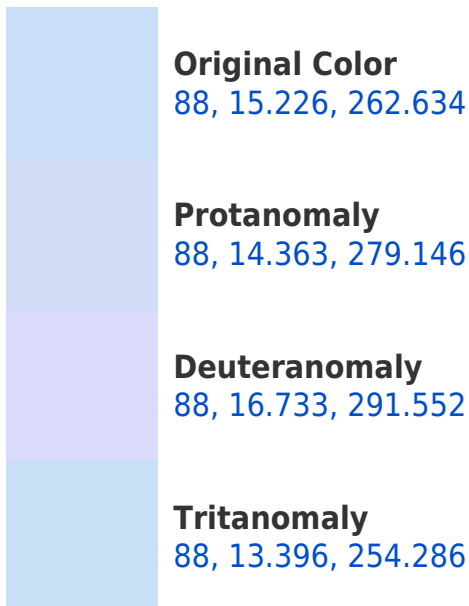






**Tritanopia**  
88, 12.215, 249.588

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 88, 15.226, 262.634 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(201, 223, 249)` looks like.

```
.text, #text, p{  
    color:rgb(201, 223, 249)  
}
```

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(201, 223, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 223, 249) }
```

## Border

The CSS property to change the border of an element to CIELCh 88, 15.226, 262.634 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(201, 223, 249) }
```

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

```
.border{ border-color:rgb(201, 223, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 223, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 223, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 223, 249);  
box-shadow:4px 4px 4px 4px rgb(201, 223,  
249) }
```

# Background

The CSS property to change the background color of an element to CIELCh 88, 15.226, 262.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 223, 249) }
```

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

```
.background{ background-color: rgb(201,  
223, 249) }
```

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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