

Converting Colors

CIELCh(89, 34.767, 281.090)

Have a look what the booklet for
CIELCh(89, 34.767, 281.090)
contains.

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Color

CIELCh(88, 18.592, 267.743)

Conversions

Conversions Part 1

Format	Color
Hex	C8DFFF
RGB	200, 223, 255
RGB Percent	78%, 87%, 100%
CMY	0.2172, 0.1269, 0.0000
CMYK	0.22, 0.13, 0.00, 0.00
HSL	215°, 100%, 89%
HSV	215°, 22%, 100%
XYZ	68.1608, 72.0653, 105.4698
YIQ	219.7710, -23.9800, 5.0760

Conversions

Conversions Part 2

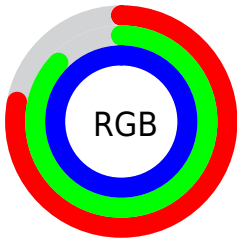
Format	Color
R _Y B	200, 216, 255
Decimal	13164543
CIE Lab	88.00, -0.73, -18.58
CIE LCh	88, 18.592, 267.743
Yxy	72.0653, 0.2774, 0.2933
Android (android.graphics.Color)	4291354623 (0xFFC8DFFF)
YUV	219.7710, 17.3679, -17.3392
Hunter-Lab	84.8913, -5.2387, -14.2386

Details

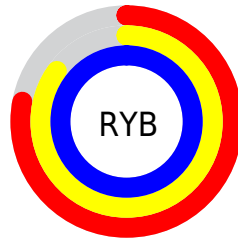
The CIELCh color `88, 18.592, 267.743` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `93, 18.826, 81.139`, and the grayscale version is `88, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `68, 17.995, 266.350` is the 20% darker color. If you saturate the color by 10%, you get `82, 26.751, 269.182`, and if you desaturate by 10%, it is `94, 9.850, 265.635`.

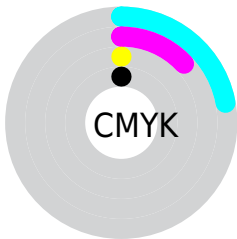
Distribution



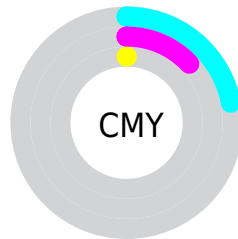
- Red (78%)
- Green (87%)
- Blue (100%)



- Red (78%)
- Yellow (85%)
- Blue (100%)



- Cyan (22%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (13%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 18.592, 267.743 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, 18.592, 267.743 by changing the saturation by 10% instead.


 88, 18.592,
267.743


 88, 18.592,
267.743


 100, 18.592,
267.743


 78, 18.592,
267.743

 68, 18.592,
267.743

 58, 18.592,
267.743

 48, 18.592,
267.743

 38, 18.592,
267.743

 28, 18.592,
267.743

 18, 18.592,

267.743

■ 8, 18.592, 267.743

■ 0, 18.592, 267.743

■ 88, 18.592,
267.743

■ 88, 18.592,
267.743

■ 82, 26.751,
269.182

■ 94, 9.850, 265.635

■ 77, 35.234,
271.455

■ 99, 1.447, 264.452

■ 100, 0.012,
296.813

■ 72, 43.749,
274.125

■ 67, 52.328,
277.227

■ 61, 61.030,

280.760

■ 57, 69.926,
284.662

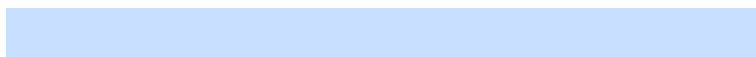
■ 52, 79.060,
288.782

■ 49, 86.785,
292.143

Harmonies

Complementary

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



88, 18.592, 267.743



93, 18.826, 81.139

Rectangle

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



88, 18.592, 267.743



88, 18.592, 317.743



88, 18.592, 87.743



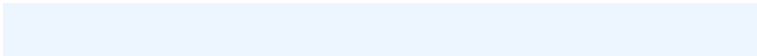
88, 18.592, 137.743

Sweetspot

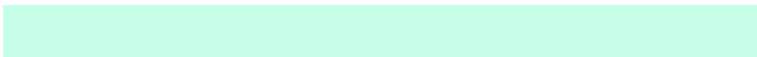
The Sweet Spot groups the original color and five complimentary colors.



88, 18.288, 267.258



96, 5.882, 264.974



96, 22.563, 166.368



51, 3.822, 265.054



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, 18.288, 267.258



86, 21.912, 268.043



83, 29.442, 295.609



50, 4.778, 265.316



37, 68.622, 291.407



10, 27.600, 285.556

Inverse Universe

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



86, 23.471, 350.577



83, 28.225, 351.076



98, 27.989, 111.614



50, 6.045, 349.285



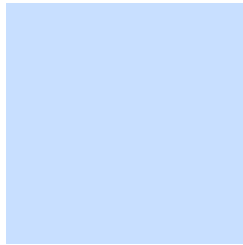
41, 68.163, 10.304



10, 31.338, 3.479

Previews

White Background



This preview shows how the CIE LCh color 88, 18.592, 267.743 looks on a white background.

Color Contrast Check

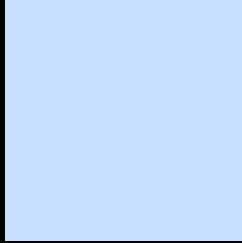
Large Text (above 18pt) WCAG AA × Fail

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, 18.592, 267.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

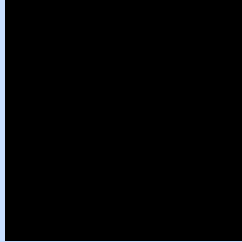
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

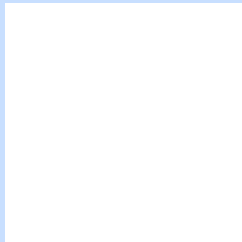
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 18.592, 267.743

Background



This preview shows how black text looks on a background with the CIELCh color 88, 18.592, 267.743.



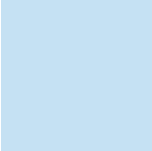
This preview shows how white text looks on a background with the CIELCh color 88, 18.592, 267.743.

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, 13.066, 245.170

Trichromacy



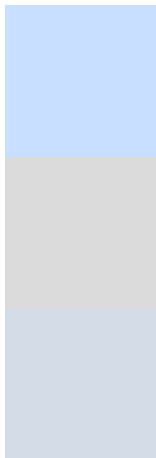
Original Color
88, 18.110, 266.976

Protanomaly
88, 17.536, 279.566

Deuteranomaly
88, 19.352, 288.805

Tritanomaly
88, 14.576, 254.841

Monochromacy



Original Color
88, 18.110, 266.976

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 6.815, 266.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 18.592, 267.743 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(200, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 223, 255)  
}
```

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(200, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 223, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 18.592, 267.743 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(200, 223, 255) }
```

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

```
.border{ border-color:rgb(200, 223, 255) }
```

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

Here you see how a box with a 4 pixel rgb(200, 223, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 223,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 18.592, 267.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 223, 255) }
```

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

```
.background{ background-color: rgb(200,  
223, 255) }
```

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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