

Converting Colors

CIELCh(93, 15.996, 217.278)

Have a look what the booklet for
CIELCh(93, 15.996, 217.278)
contains.

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Color

CIElCh(93, 16.109, 217.299)

Conversions

Conversions Part 1

Format	Color
Hex	C4F3FD
RGB	196, 243, 253
RGB Percent	77%, 95%, 99%
CMY	0.2312, 0.0469, 0.0076
CMYK	0.23, 0.04, 0.00, 0.01
HSL	191°, 94%, 88%
HSV	191°, 23%, 99%
XYZ	72.5796, 82.9670, 105.1579
YIQ	230.0870, -31.2220, -6.8540

Conversions

Conversions Part 2

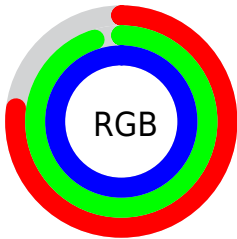
Format	Color
R _{YB}	196, 222, 253
Decimal	12907517
CIE Lab	93.00, -12.81, -9.76
CIE LCh	93, 16.109, 217.299
Yxy	82.9670, 0.2784, 0.3182
Android (android.graphics.Color)	4291097597 (0xFFC4F3FD)
YUV	230.0870, 11.2961, -29.8943
Hunter-Lab	91.0862, -17.1681, -4.6892

Details

The CIELCh color **93, 16.109, 217.299** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 18.799, 36.631**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.695, 200.315**, and **73, 16.128, 216.045** is the 20% darker color. If you saturate the color by 10%, you get **90, 22.415, 217.820**, and if you desaturate by 10%, it is **96, 9.236, 216.970**.

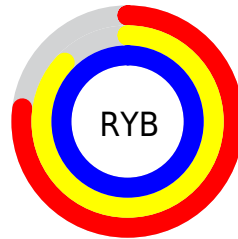
Distribution



Red (77%)

Green (95%)

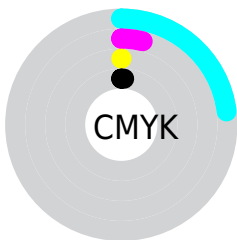
Blue (99%)



Red (77%)

Yellow (87%)

Blue (99%)

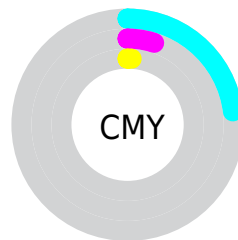


Cyan (23%)

Magenta (4%)

Yellow (0%)

Black (1%)



Cyan (23%)


Magenta (5%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 16.109, 217.299 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 93, 16.109, 217.299 by changing the saturation by 10% instead.


 93, 16.109,
217.299

 93, 16.109,
217.299

 100, 16.109,
217.299


 83, 16.109,
217.299

 73, 16.109,
217.299

 63, 16.109,
217.299

 53, 16.109,
217.299

 43, 16.109,
217.299

 33, 16.109,
217.299

 23, 16.109,

217.299

■ 13, 16.109,
217.299

■ 3, 16.109, 217.299

■ 93, 16.109,
217.299

■ 93, 16.109,
217.299

■ 90, 22.415,
217.820

■ 96, 9.236, 216.970

■ 99, 1.911, 217.035

■ 88, 28.033,
218.589

■ 100, 0.978,
110.026

■ 86, 32.846,
219.657

■ 84, 36.759,
221.092

■ 82, 39.714,
222.972

■ 80, 41.722,
225.373

■ 79, 42.877,
228.359

■ 78, 43.357,
230.929

Harmonies

Complementary

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



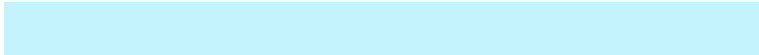
93, 16.109, 217.299



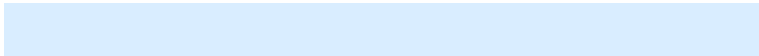
87, 18.799, 36.631

Rectangle

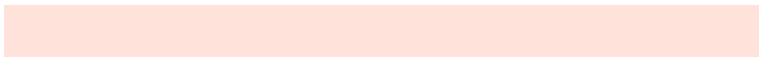
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



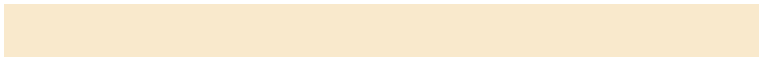
93, 16.109, 217.299



93, 16.109, 267.299



93, 16.109, 37.299



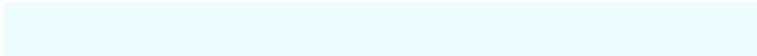
93, 16.109, 87.299

Sweetspot

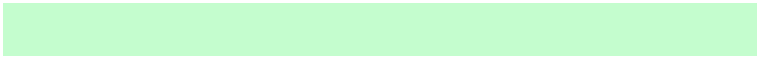
The Sweet Spot groups the original color and five complimentary colors.



93, 16.109, 217.292



98, 5.270, 216.894



95, 31.844, 147.795



52, 3.419, 216.897



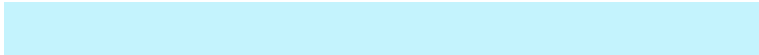
0, 0.000, 0.000



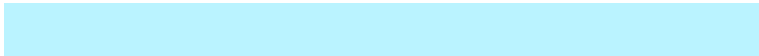
53, 0.007, 296.813

Same Dimension

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



93, 16.109, 217.292



92, 19.126, 217.502



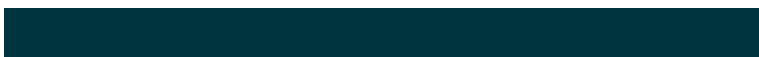
86, 20.713, 274.442



52, 4.253, 216.916



60, 35.106, 230.276



20, 16.140, 225.671

Inverse Universe

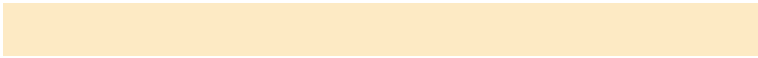
The Inverse Universe completely reimagines the original color for something new.



85, 31.750, 331.086



83, 38.288, 331.381



93, 20.818, 88.225



50, 8.021, 330.241



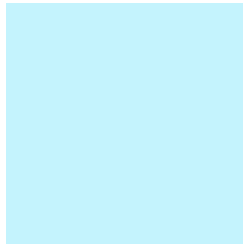
44, 81.167, 336.719



12, 37.947, 335.521

Previews

White Background



This preview shows how the CIE LCh color 93, 16.109, 217.299 looks on a white background.

Color Contrast Check

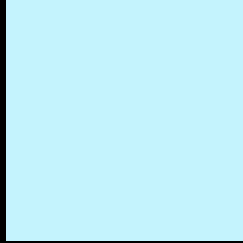
Large Text (above 18pt) WCAG AA × Fail

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 93, 16.109, 217.299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

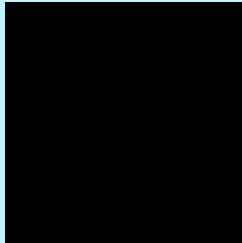
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 16.109, 217.299

Background



This preview shows how black text looks on a background with the CIELCh color 93, 16.109, 217.299.

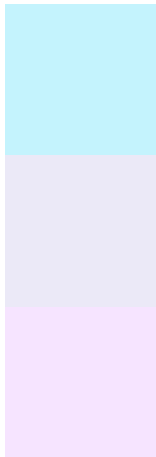


This preview shows how white text looks on a background with the CIELCh color 93, 16.109, 217.299.

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

93, 16.109, 217.299

Protanopia

93, 7.281, 296.222

Deuteranopia

93, 15.358, 315.101



Tritanopia
93, 13.215, 234.875

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 16.109, 217.299 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(196, 243, 253)` looks like.

```
.text, #text, p{  
    color:rgb(196, 243, 253)  
}
```

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(196, 243, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 243, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 16.109, 217.299 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(196, 243, 253) }
```

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

```
.border{ border-color:rgb(196, 243, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 243, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 243, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 243, 253);  
box-shadow:4px 4px 4px 4px rgb(196, 243,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 16.109, 217.299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 243, 253) }
```

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

```
.background{ background-color: rgb(196,  
243, 253) }
```

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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