

Converting Colors

CIELCh(93, 22.175, 206.148)

Have a look what the booklet for
CIELCh(93, 22.175, 206.148)
contains.

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Color

CIElCh(93, 22.175, 206.148)

Conversions

Conversions Part 1

Format	Color
Hex	B2F7FD
RGB	178, 247, 253
RGB Percent	70%, 97%, 99%
CMY	0.3025, 0.0319, 0.0084
CMYK	0.30, 0.02, 0.00, 0.01
HSL	185°, 95%, 84%
HSV	185°, 30%, 99%
XYZ	69.2532, 82.9670, 105.1749
YIQ	227.0530, -43.0500, -12.7620

Conversions

Conversions Part 2

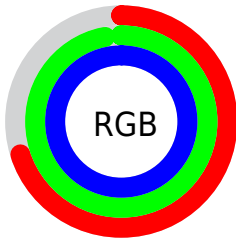
Format	Color
RYB	178, 214, 253
Decimal	11728893
CIELab	93.00, -19.91, -9.77
CIELCh	93, 22.175, 206.148
Yxy	82.9670, 0.2691, 0.3223
Android (android.graphics.Color)	4289918973 (0xFFB2F7FD)
YUV	227.0530, 12.7919, -43.0195
Hunter-Lab	91.0862, -23.6866, -4.7003

Details

The CIELCh color **93, 22.175, 206.148** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81, 27.419, 28.135**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.515, 199.095**, and **73, 22.204, 204.843** is the 20% darker color. If you saturate the color by 10%, you get **91, 28.371, 206.177**, and if you desaturate by 10%, it is **95, 15.245, 206.239**.

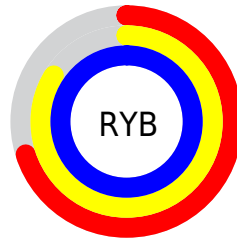
Distribution



Red (70%)

Green (97%)

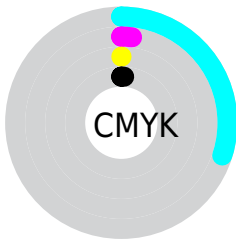
Blue (99%)



Red (70%)

Yellow (84%)

Blue (99%)

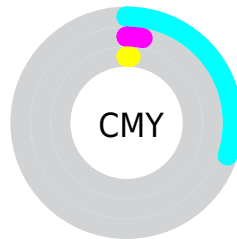


Cyan (30%)

Magenta (2%)

Yellow (0%)

Black (1%)



Cyan (30%)


Magenta (3%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 93, 22.175, 206.148 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, 22.175, 206.148 by changing the saturation by 10% instead.


 93, 22.175,
206.148


 93, 22.175,
206.148


 100, 22.175,
206.148


 83, 22.175,
206.148

 73, 22.175,
206.148

 63, 22.175,
206.148

 53, 22.175,
206.148

 43, 22.175,
206.148

 33, 22.175,
206.148

 23, 22.175,

206.148

■ 13, 22.175,
206.148

■ 3, 22.175, 206.148

■ 93, 22.175,
206.148

■ 93, 22.175,
206.148

■ 91, 28.371,
206.177

■ 95, 15.245,
206.239

■ 90, 33.701,
206.361

■ 97, 7.717, 206.460

■ 88, 38.049,
206.722

■ 99, 0.279, 24.254

100, 1.049,
109.097

■ 87, 41.337,
207.291

100, 1.074,
110.026

■ 86, 43.542,
208.097

■ 85, 44.713,
209.168

■ 85, 45.045,
210.497

■ 85, 45.051,
210.544

Harmonies

Complementary

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



93, 22.175, 206.148



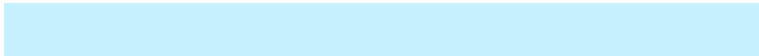
81, 27.419, 28.135

Rectangle

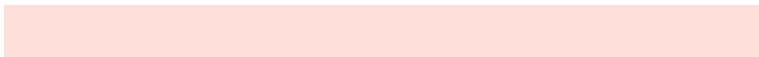
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 22.175, 206.148



93, 22.175, 256.148



93, 22.175, 26.148



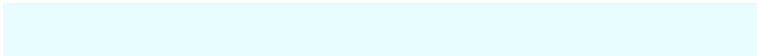
93, 22.175, 76.148

Sweetspot

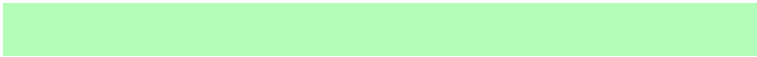
The Sweet Spot groups the original color and five complimentary colors.



93, 22.175, 206.144



98, 7.253, 206.481



93, 44.954, 144.149



52, 5.020, 206.436



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, 22.175, 206.144



93, 26.376, 206.149



83, 24.333, 267.057



52, 4.576, 206.465



66, 36.565, 210.283



22, 16.983, 208.447

Inverse Universe

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



81, 44.566, 328.386



79, 54.231, 328.753



90, 25.563, 78.373



50, 8.575, 327.197



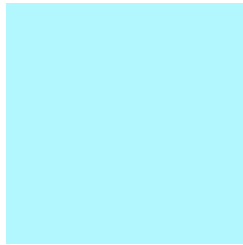
45, 87.410, 331.703



12, 40.518, 331.253

Previews

White Background



This preview shows how the CIE LCh color 93, 22.175, 206.148 looks on a white background.

Color Contrast Check

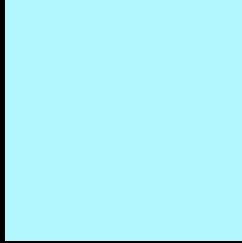
Large Text (above 18pt) WCAG AA × Fail

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, 22.175, 206.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

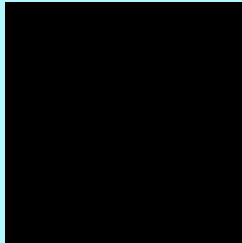
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 22.175, 206.148

Background



This preview shows how black text looks on a background with the CIELCh color 93, 22.175, 206.148.



This preview shows how white text looks on a background with the CIELCh color 93, 22.175, 206.148.

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



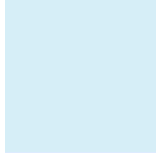


Tritanopia
93, 15.086, 227.449

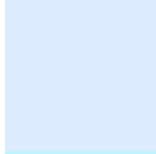
Trichromacy



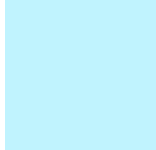
Original Color
93, 22.175, 206.148



Protanomaly
93, 9.278, 229.154

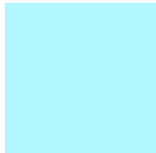


Deuteranomaly
93, 10.794, 264.995

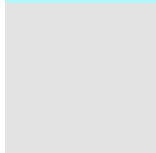


Tritanomaly
93, 17.377, 217.631

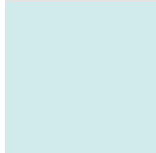
Monochromacy



Original Color
93, 22.175, 206.148



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 8.648, 205.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 22.175, 206.148 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(178, 247, 253)` looks like.

```
.text, #text, p{  
    color:rgb(178, 247, 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(178, 247, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 247, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 22.175, 206.148 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(178, 247, 253) }
```

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

```
.border{ border-color:rgb(178, 247, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 247, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 247, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 247, 253);  
box-shadow:4px 4px 4px 4px rgb(178, 247,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 22.175, 206.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 247, 253) }
```

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

```
.background{ background-color: rgb(178,  
247, 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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