

Converting Colors

CIELCh(93, 22.445, 200.225)

Have a look what the booklet for
CIELCh(93, 22.445, 200.225)
contains.

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Color

CIElCh(93, 22.234, 200.706)

Conversions

Conversions Part 1

Format	Color
Hex	B2F7F9
RGB	178, 247, 249
RGB Percent	70%, 97%, 98%
CMY	0.3013, 0.0307, 0.0228
CMYK	0.28, 0.01, 0.00, 0.02
HSL	182°, 86%, 84%
HSV	182°, 28%, 98%
XYZ	68.8420, 82.9670, 102.1545
YIQ	226.5970, -41.7660, -14.0060

Conversions

Conversions Part 2

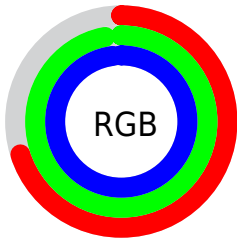
Format	Color
R _Y B	178, 213, 249
Decimal	11728889
CIE Lab	93.00, -20.80, -7.86
CIE LCh	93, 22.234, 200.706
Yxy	82.9670, 0.2711, 0.3267
Android (android.graphics.Color)	4289918969 (0xFFB2F7F9)
YUV	226.5970, 11.0447, -42.6196
Hunter-Lab	91.0862, -24.4925, -2.7342

Details

The CIELCh color **93, 22.234, 200.706** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80, 27.123, 23.862**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.851, 199.068**, and **73, 22.306, 200.538** is the 20% darker color. If you saturate the color by 10%, you get **92, 28.778, 200.422**, and if you desaturate by 10%, it is **95, 14.951, 201.064**.

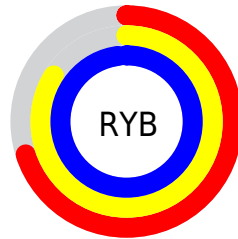
Distribution



Red (70%)

Green (97%)

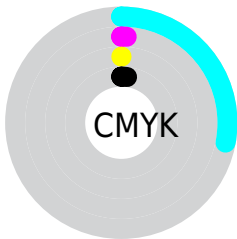
Blue (98%)



Red (70%)

Yellow (84%)

Blue (98%)

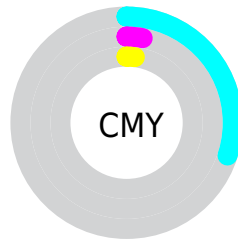


Cyan (28%)

Magenta (1%)

Yellow (0%)

Black (2%)



Cyan (30%)

Magenta (3%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 22.234, 200.706 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, 22.234, 200.706 by changing the saturation by 10% instead.

■ 93, 22.234,
200.706

■ 93, 22.234,
200.706

■ 100, 22.234,
200.706

■ 83, 22.234,
200.706

■ 73, 22.234,
200.706

■ 63, 22.234,
200.706

■ 53, 22.234,
200.706

■ 43, 22.234,
200.706

■ 33, 22.234,
200.706

■ 23, 22.234,

200.706

■ 13, 22.234,
200.706

■ 3, 22.234, 200.706

■ 93, 22.234,
200.706

■ 93, 22.234,
200.706

■ 92, 28.778,
200.422

■ 95, 14.951,
201.064

■ 90, 34.445,
200.232

■ 96, 7.067, 201.522

■ 89, 39.121,
200.142

■ 98, 1.282, 21.379

■ 99, 1.806, 32.260

■ 89, 42.728,
200.161

■ 99, 1.689, 46.024

88, 45.241,
200.297

99, 1.680, 60.839

88, 46.705,
200.554

99, 1.780, 74.872

87, 47.276,
200.926

99, 1.973, 86.777

99, 2.235, 96.226

87, 47.328,
200.986

Harmonies

Complementary

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



93, 22.234, 200.706



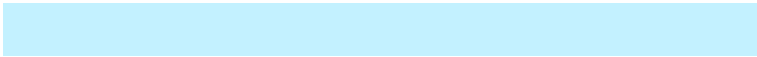
80, 27.123, 23.862

Rectangle

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



93, 22.234, 200.706



93, 22.234, 250.706



93, 22.234, 20.706



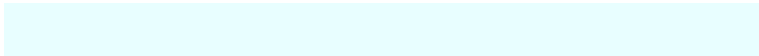
93, 22.234, 70.706

Sweetspot

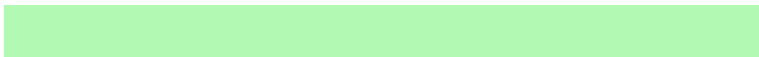
The Sweet Spot groups the original color and five complimentary colors.



93, 22.234, 200.702



98, 7.618, 201.494



92, 44.180, 142.890



52, 5.274, 201.420



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, 22.234, 200.702



94, 26.422, 200.536



84, 21.886, 261.706



51, 4.728, 201.469



68, 38.431, 200.906



22, 17.470, 200.314

Inverse Universe

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



81, 43.843, 326.782



80, 53.130, 327.083



88, 23.493, 73.568



49, 8.740, 325.708



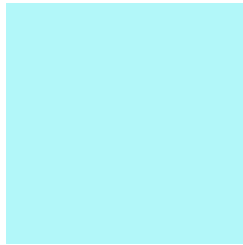
45, 90.146, 329.383



11, 40.900, 329.234

Previews

White Background



This preview shows how the CIE LCh color 93, 22.234, 200.706 looks on a white background.

Color Contrast Check

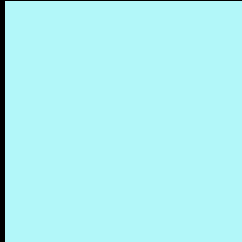
Large Text (above 18pt) WCAG AA × Fail

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, 22.234, 200.706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

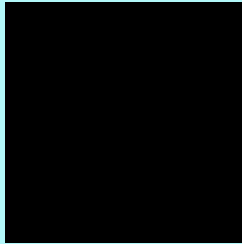
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 93, 22.234, 200.706

Background



This preview shows how black text looks on a background with the CIELCh color 93, 22.234, 200.706.

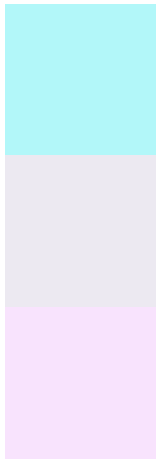


This preview shows how white text looks on a background with the CIELCh color 93, 22.234, 200.706.

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, 22.234, 200.706

Protanopia
93, 4.285, 304.737

Deuteranopia
93, 15.371, 319.485

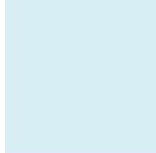


Tritanopia
93, 14.815, 228.040

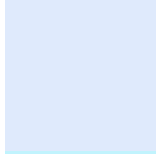
Trichromacy



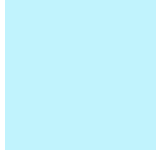
Original Color
93, 22.234, 200.706



Protanomaly
93, 8.380, 220.757

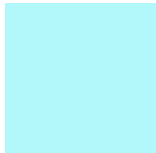


Deuteranomaly
92, 9.949, 268.875

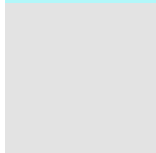


Tritanomaly
93, 16.977, 216.258

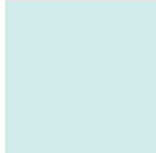
Monochromacy



Original Color
93, 22.234, 200.706



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 8.630, 202.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 22.234, 200.706 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(178, 247, 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(178, 247, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 247, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 22.234, 200.706 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, 249) }
```

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

```
.border{ border-color:rgb(178, 247, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 247, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 247, 249);  
box-shadow:4px 4px 4px 4px rgb(178, 247,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 22.234, 200.706 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, 249) }
```

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

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