

Converting Colors

CIELCh(93, 23.290, 204.394)

Have a look what the booklet for
CIELCh(93, 23.290, 204.394)
contains.

CIELCh(93, 23.290, 204.394)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(93, 23.290, 204.394)

Conversions

Conversions Part 1

Format	Color
Hex	AFF8FD
RGB	175, 248, 253
RGB Percent	69%, 97%, 99%
CMY	0.3155, 0.0293, 0.0097
CMYK	0.31, 0.02, 0.00, 0.01
HSL	184°, 94%, 84%
HSV	184°, 31%, 99%
XYZ	68.6523, 82.9670, 104.9304
YIQ	226.7430, -45.1130, -13.9210

Conversions

Conversions Part 2

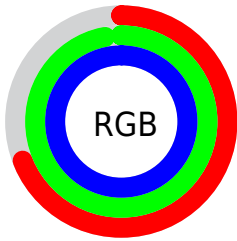
Format	Color
RYB	175, 213, 253
Decimal	11532541
CIELab	93.00, -21.21, -9.62
CIElCh	93, 23.290, 204.394
Yxy	82.9670, 0.2676, 0.3234
Android (android.graphics.Color)	4289722621 (0xFFAFF8FD)
YUV	226.7430, 12.9447, -45.3786
Hunter-Lab	91.0862, -24.8644, -4.5411

Details

The CIELCh color **93, 23.290, 204.394** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80, 29.054, 26.937**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 7.521, 199.018**, and **73, 23.280, 204.438** is the 20% darker color. If you saturate the color by 10%, you get **91, 29.472, 204.341**, and if you desaturate by 10%, it is **95, 16.348, 204.555**.

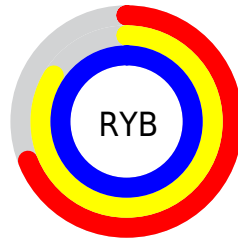
Distribution



Red (69%)

Green (97%)

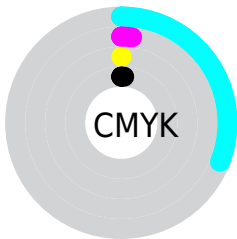
Blue (99%)



Red (69%)

Yellow (84%)

Blue (99%)

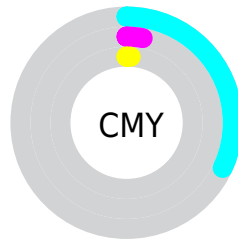


Cyan (31%)

Magenta (2%)

Yellow (0%)

Black (1%)



Cyan (32%)

Magenta (3%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 23.290, 204.394 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, 23.290, 204.394 by changing the saturation by 10% instead.

■ 93, 23.290,
204.394

■ 93, 23.290,
204.394

■ 100, 23.290,
204.394

■ 83, 23.290,
204.394

■ 73, 23.290,
204.394

■ 63, 23.290,
204.394

■ 53, 23.290,
204.394

■ 43, 23.290,
204.394

■ 33, 23.290,
204.394

■ 23, 23.290,

204.394

■ 13, 23.290,
204.394

■ 3, 23.290, 204.394

■ 93, 23.290,
204.394

■ 93, 23.290,
204.394

■ 91, 29.472,
204.341

■ 95, 16.348,
204.555

■ 90, 34.760,
204.424

■ 97, 8.784, 204.831

■ 89, 39.044,
204.663

■ 99, 0.730, 205.976

100, 0.812, 84.598

■ 88, 42.253,
205.080

100, 1.242,
110.023

■ 87, 44.371,
205.698

■ 86, 45.460,
206.534

■ 86, 45.746,
207.473

Harmonies

Complementary

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



93, 23.290, 204.394



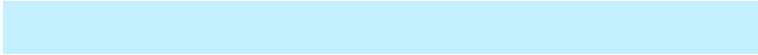
80, 29.054, 26.937

Rectangle

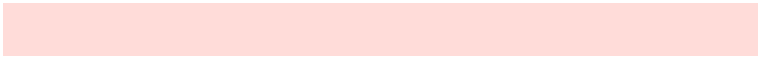
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93, 23.290, 204.394



93, 23.290, 254.394



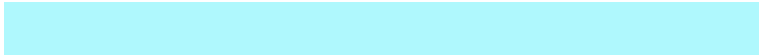
93, 23.290, 24.394



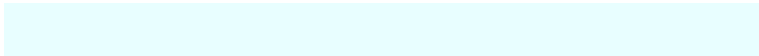
93, 23.290, 74.394

Sweetspot

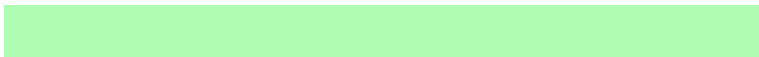
The Sweet Spot groups the original color and five complimentary colors.



93, 23.290, 204.390



98, 7.359, 204.900



93, 47.280, 143.573



52, 5.094, 204.846



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, 23.290, 204.390



93, 27.383, 204.345



83, 24.835, 265.662



52, 4.643, 204.881



67, 37.162, 207.272



22, 17.244, 205.855

Inverse Universe

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



81, 46.831, 327.971



78, 56.283, 328.316



89, 26.370, 76.591



50, 8.670, 326.729



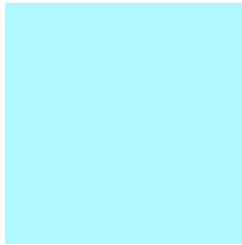
45, 88.510, 330.964



12, 40.966, 330.615

Previews

White Background



This preview shows how the CIE LCh color 93, 23.290, 204.394 looks on a white background.

Color Contrast Check

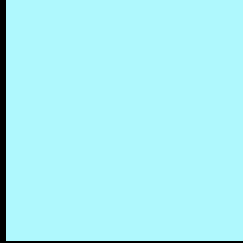
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 93, 23.290, 204.394 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, 23.290, 204.394

Background



This preview shows how black text looks on a background with the CIELCh color 93, 23.290, 204.394.



This preview shows how white text looks on a background with the CIELCh color 93, 23.290, 204.394.

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



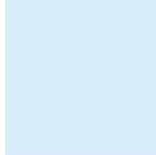


Tritanopia
93, 15.432, 224.527

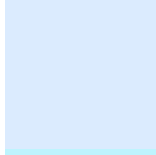
Trichromacy



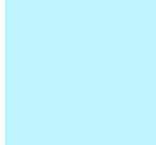
Original Color
93, 23.290, 204.394



Protanomaly
93, 9.564, 228.149



Deuteranomaly
92, 11.084, 261.871

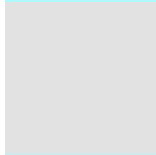


Tritanomaly
93, 18.118, 215.028

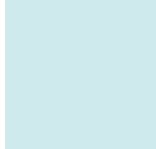
Monochromacy



Original Color
93, 23.290, 204.394



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 9.311, 205.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 23.290, 204.394 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(175, 248, 253)` looks like.

```
.text, #text, p{  
    color:rgb(175, 248, 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(175, 248, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 248, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 23.290, 204.394 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(175, 248, 253) }
```

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

```
.border{ border-color:rgb(175, 248, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 248, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 248, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 248, 253);  
box-shadow:4px 4px 4px 4px rgb(175, 248,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 23.290, 204.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 248, 253) }
```

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

```
.background{ background-color: rgb(175,  
248, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor