

Converting Colors

CIELCh(92, 23.704, 178.025)

Have a look what the booklet for
CIELCh(92, 23.704, 178.025)
contains.

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Color

CIELCh(92, 23.626, 178.634)

Conversions

Conversions Part 1

Format	Color
Hex	B3F5E6
RGB	179, 245, 230
RGB Percent	70%, 96%, 90%
CMY	0.2975, 0.0387, 0.0975
CMYK	0.27, 0.00, 0.06, 0.04
HSL	166°, 77%, 83%
HSV	166°, 27%, 96%
XYZ	65.6137, 80.7044, 87.0784
YIQ	223.5560, -34.5210, -18.6570

Conversions

Conversions Part 2

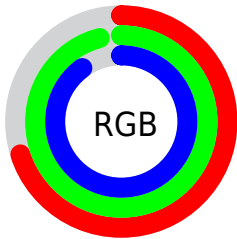
Format	Color
RYB	179, 216, 245
Decimal	11793894
CIELab	92.00, -23.62, 0.56
CIELCh	92, 23.626, 178.634
Yxy	80.7044, 0.2811, 0.3458
Android (android.graphics.Color)	4289983974 (0xFFB3F5E6)
YUV	223.5560, 3.1769, -39.0756
Hunter-Lab	89.8356, -26.8405, 5.4147

Details

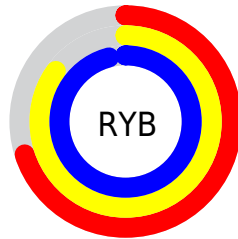
The CIELCh color **92, 23.626, 178.634** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79, 26.185, 4.148**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 6.515, 199.095**, and **72, 23.856, 178.817** is the 20% darker color. If you saturate the color by 10%, you get **91, 31.630, 177.545**, and if you desaturate by 10%, it is **94, 15.123, 179.652**.

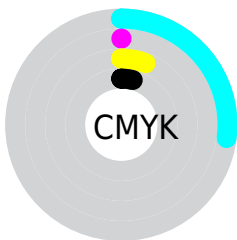
Distribution



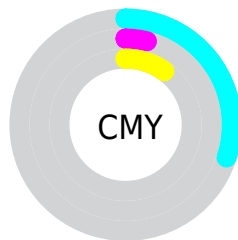
- Red (70%)
- Green (96%)
- Blue (90%)



- Red (70%)
- Yellow (85%)
- Blue (96%)



- Cyan (27%)
- Magenta (0%)
- Yellow (6%)
- Black (4%)





- Cyan (30%)
- Magenta (4%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 23.626, 178.634 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 92, 23.626, 178.634 by changing the saturation by 10% instead.


 92, 23.626,
178.634


 92, 23.626,
178.634


 100, 23.626,
178.634


 82, 23.626,
178.634

 72, 23.626,
178.634

 62, 23.626,
178.634

 52, 23.626,
178.634

 42, 23.626,
178.634

 32, 23.626,
178.634

 22, 23.626,

178.634

■ 12, 23.626,
178.634

■ 2, 23.626, 178.634

■ 92, 23.626,
178.634

■ 92, 23.626,
178.634

■ 91, 31.630,
177.545

■ 94, 15.123,
179.652

■ 90, 38.976,
176.371

■ 95, 6.266, 180.654

■ 89, 45.516,
175.087

■ 97, 2.811, 1.252

■ 98, 5.113, 332.946

■ 88, 51.130,
173.669

■ 98, 6.142, 324.605

■ 87, 55.744,
172.091

■ 87, 59.358,
170.334

■ 87, 62.071,
168.395

■ 87, 62.811,
167.790

Harmonies

Complementary

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



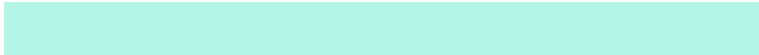
92, 23.626, 178.634



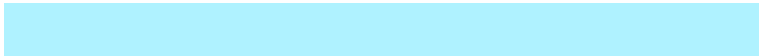
79, 26.185, 4.148

Rectangle

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



92, 23.626, 178.634



92, 23.626, 228.634



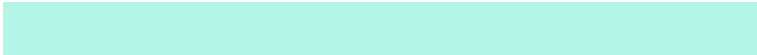
92, 23.626, 358.634



92, 23.626, 48.634

Sweetspot

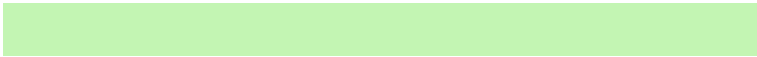
The Sweet Spot groups the original color and five complimentary colors.



92, 23.627, 178.631



98, 7.464, 180.541



92, 38.694, 136.448



52, 5.296, 180.388



0, 0.000, 0.000



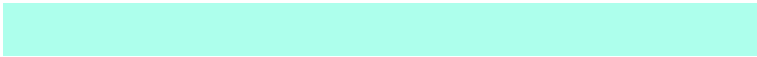
53, 0.007, 296.813

Same Dimension

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



92, 23.627, 178.631



95, 28.657, 178.082



88, 17.916, 229.602



50, 5.122, 180.392



67, 50.831, 168.157



21, 21.748, 171.112

Inverse Universe

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



79, 26.185, 4.148



79, 32.446, 4.897



83, 21.271, 46.238



48, 5.304, 2.032



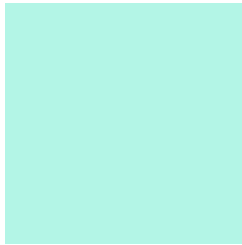
39, 72.106, 27.364



9, 29.895, 15.382

Previews

White Background



This preview shows how the CIE LCh color 92, 23.626, 178.634 looks on a white background.

Color Contrast Check

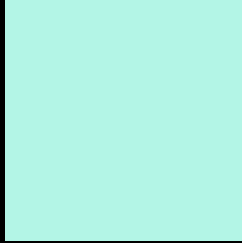
Large Text (above 18pt) WCAG AA × Fail

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 92, 23.626, 178.634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

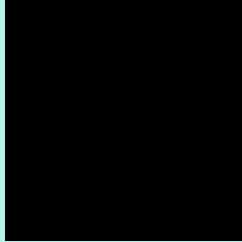
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

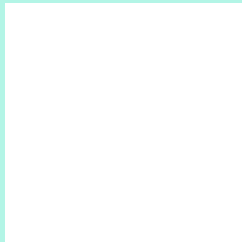
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 23.626, 178.634

Background



This preview shows how black text looks on a background with the CIELCh color 92, 23.626, 178.634.

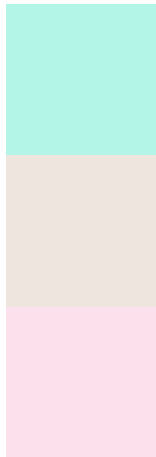


This preview shows how white text looks on a background with the CIELCh color 92, 23.626, 178.634.

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
92, 23.626, 178.634

Protanopia
92, 5.025, 74.517

Deuteranopia
92, 11.571, 350.846

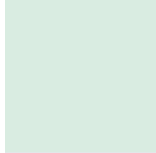


Tritanopia
92, 16.330, 229.251

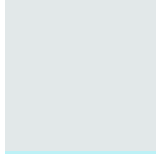
Trichromacy



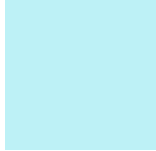
Original Color
92, 23.626, 178.634



Protanomaly
92, 8.873, 159.049

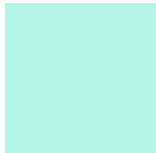


Deuteranomaly
92, 2.170, 213.354

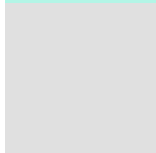


Tritanomaly
92, 17.245, 207.033

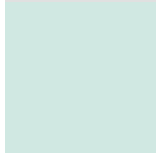
Monochromacy



Original Color
92, 23.626, 178.634



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 9.023, 178.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 23.626, 178.634 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(179, 245, 230)` looks like.

```
.text, #text, p{  
    color:rgb(179, 245, 230)  
}
```

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(179, 245, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 245, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 23.626, 178.634 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(179, 245, 230) }
```

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

```
.border{ border-color:rgb(179, 245, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 245, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 245, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 245, 230);  
box-shadow:4px 4px 4px 4px rgb(179, 245,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 23.626, 178.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 245, 230) }
```

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

```
.background{ background-color: rgb(179,  
245, 230) }
```

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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