

Converting Colors

CIELCh(92, 21.472, 172.604)

Have a look what the booklet for
CIELCh(92, 21.472, 172.604)
contains.

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Color

CIELCh(92, 21.473, 172.280)

Conversions

Conversions Part 1

Format	Color
Hex	BCF4E2
RGB	188, 244, 226
RGB Percent	74%, 96%, 89%
CMY	0.2636, 0.0440, 0.1146
CMYK	0.23, 0.00, 0.07, 0.04
HSL	161°, 71%, 85%
HSV	161°, 23%, 96%
XYZ	66.6620, 80.7044, 83.8526
YIQ	225.2040, -27.5980, -17.4700

Conversions

Conversions Part 2

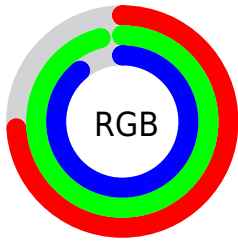
Format	Color
RYB	188, 221, 244
Decimal	12383458
CIELab	92.00, -21.28, 2.88
CIElCh	92, 21.473, 172.280
Yxy	80.7044, 0.2883, 0.3490
Android (android.graphics.Color)	4290573538 (0xFFBCF4E2)
YUV	225.2040, 0.3924, -32.6279
Hunter-Lab	89.8356, -24.7576, 7.5436

Details

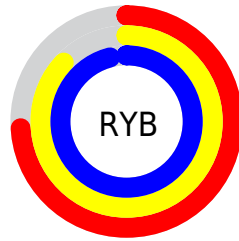
The CIELCh color **92, 21.473, 172.280** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **82, 22.856, 356.880**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 3.457, 199.378**, and **72, 21.479, 172.147** is the 20% darker color. If you saturate the color by 10%, you get **91, 30.346, 171.157**, and if you desaturate by 10%, it is **94, 12.251, 173.318**.

Distribution



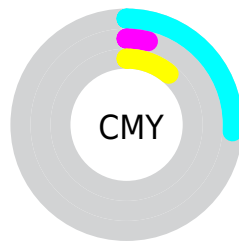
- Red (74%)
- Green (96%)
- Blue (89%)



- Red (74%)
- Yellow (87%)
- Blue (96%)



- Cyan (23%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)





- Cyan (26%)
- Magenta (4%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 21.473, 172.280 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, 21.473, 172.280 by changing the saturation by 10% instead.


 92, 21.473,
172.280


 92, 21.473,
172.280


 100, 21.473,
172.280


 82, 21.473,
172.280

 72, 21.473,
172.280

 62, 21.473,
172.280

 52, 21.473,
172.280

 42, 21.473,
172.280

 32, 21.473,
172.280

 22, 21.473,

172.280

■ 12, 21.473,
172.280

■ 2, 21.473, 172.280

■ 92, 21.473,
172.280

■ 92, 21.473,
172.280

■ 91, 30.346,
171.157

■ 94, 12.251,
173.318

■ 89, 38.707,
169.929

■ 96, 2.817, 174.414

■ 88, 46.396,
168.569

■ 97, 4.881, 344.419

■ 97, 6.992, 324.641

■ 87, 53.265,
167.052

■ 87, 59.205,
165.351

■ 86, 64.169,
163.447

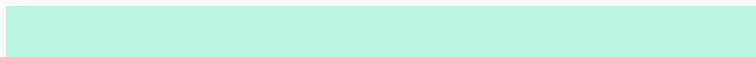
■ 86, 68.200,
161.337

■ 86, 70.616,
159.776

Harmonies

Complementary

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



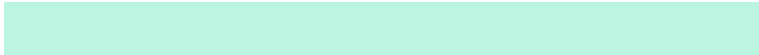
92, 21.473, 172.280



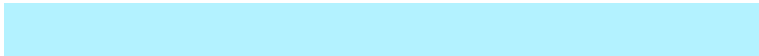
82, 22.856, 356.880

Rectangle

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



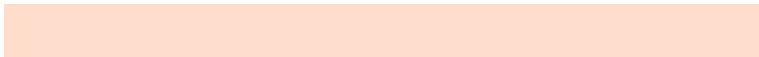
92, 21.473, 172.280



92, 21.473, 222.280



92, 21.473, 352.280



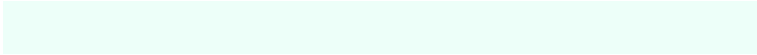
92, 21.473, 42.280

Sweetspot

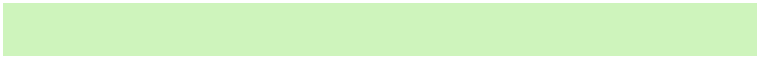
The Sweet Spot groups the original color and five complimentary colors.



92, 21.475, 172.277



99, 6.882, 173.928



92, 31.892, 133.622



52, 4.471, 173.864



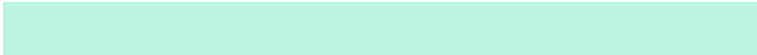
0, 0.000, 0.000



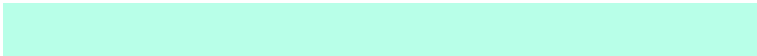
53, 0.007, 296.813

Same Dimension

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



92, 21.475, 172.277



95, 26.954, 171.718



90, 15.999, 216.228



50, 5.399, 173.672



67, 57.291, 160.182



21, 24.145, 163.559

Inverse Universe

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



82, 22.856, 356.880



82, 29.110, 357.541



83, 18.739, 35.760



48, 5.539, 355.337



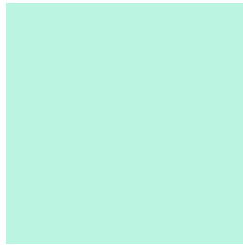
39, 68.564, 19.183



9, 29.640, 9.812

Previews

White Background



This preview shows how the CIE LCh color 92, 21.473, 172.280 looks on a white background.

Color Contrast Check

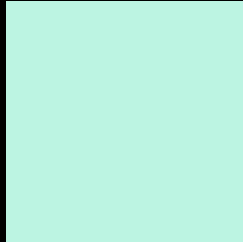
Large Text (above 18pt) WCAG AA × Fail

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 92, 21.473, 172.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

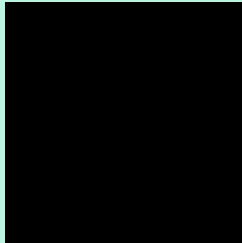
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

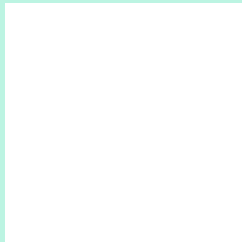
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 21.473, 172.280

Background



This preview shows how black text looks on a background with the CIELCh color 92, 21.473, 172.280.

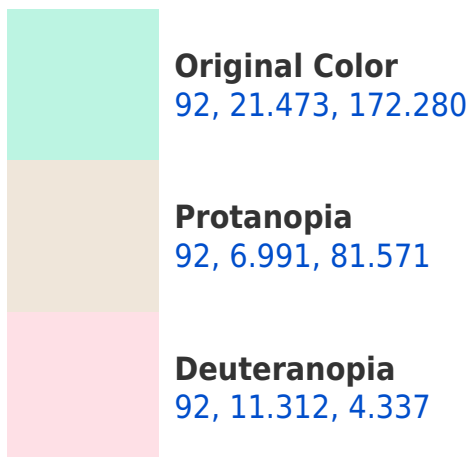


This preview shows how white text looks on a background with the CIELCh color 92, 21.473, 172.280.

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



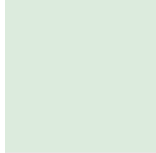


Tritanopia
92, 15.288, 234.041

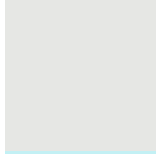
Trichromacy



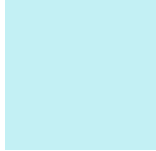
Original Color
92, 21.473, 172.280



Protanomaly
92, 9.055, 145.942

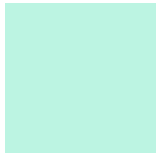


Deuteranomaly
91, 1.585, 123.021

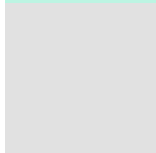


Tritanomaly
92, 15.087, 206.411

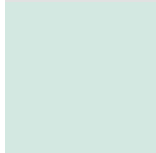
Monochromacy



Original Color
92, 21.473, 172.280



Achromatopsia
90, 0.011, 296.813



Achromatomaly
90, 8.295, 172.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 21.473, 172.280 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(188, 244, 226)` looks like.

```
.text, #text, p{  
    color:rgb(188, 244, 226)  
}
```

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(188, 244, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 244, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 21.473, 172.280 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(188, 244, 226) }
```

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

```
.border{ border-color:rgb(188, 244, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 244, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 244, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 244, 226);  
box-shadow:4px 4px 4px 4px rgb(188, 244,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 21.473, 172.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 244, 226) }
```

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

```
.background{ background-color: rgb(188,  
244, 226) }
```

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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