

Converting Colors

CIELCh(92, 17.510, 168.036)

Have a look what the booklet for
CIELCh(92, 17.510, 168.036)
contains.

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Color

CIELCh(92, 18.052, 167.193)

Conversions

Conversions Part 1

Format	Color
Hex	C6F2E0
RGB	198, 242, 224
RGB Percent	78%, 95%, 88%
CMY	0.2244, 0.0519, 0.1225
CMYK	0.18, 0.00, 0.07, 0.05
HSL	155°, 62%, 86%
HSV	155°, 18%, 95%
XYZ	68.3303, 80.7044, 82.3291
YIQ	226.7920, -20.4460, -14.9260

Conversions

Conversions Part 2

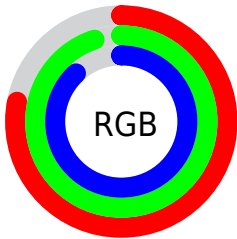
Format	Color
R_{YB}	198, 226, 242
Decimal	13038304
CIE _{Lab}	92.00, -17.60, 4.00
CIE _{LCh}	92, 18.052, 167.193
Yxy	80.7044, 0.2953, 0.3488
Android (android.graphics.Color)	4291228384 (0xFFC6F2E0)
YUV	226.7920, -1.3765, -25.2506
Hunter-Lab	89.8356, -21.4427, 8.5491

Details

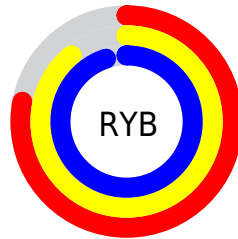
The CIELCh color **92, 18.052, 167.193** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 18.689, 350.576**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 17.994, 167.033** is the 20% darker color. If you saturate the color by 10%, you get **90, 27.735, 166.119**, and if you desaturate by 10%, it is **94, 8.163, 168.188**.

Distribution



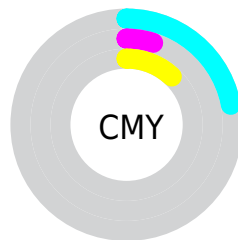
- Red (78%)
- Green (95%)
- Blue (88%)



- Red (78%)
- Yellow (89%)
- Blue (95%)



- Cyan (18%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)





- Cyan (22%)
- Magenta (5%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 18.052, 167.193 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, 18.052, 167.193 by changing the saturation by 10% instead.


 92, 18.052,
167.193


 92, 18.052,
167.193


 100, 18.052,
167.193


 82, 18.052,
167.193

 72, 18.052,
167.193

 62, 18.052,
167.193

 52, 18.052,
167.193

 42, 18.052,
167.193

 32, 18.052,
167.193

 22, 18.052,

167.193

■ 12, 18.052,
167.193

■ 2, 18.052, 167.193

■ 92, 18.052,
167.193

■ 92, 18.052,
167.193

■ 90, 27.735,
166.119

■ 94, 8.163, 168.188

■ 89, 37.053,
164.937

■ 96, 1.803, 348.729

■ 97, 7.604, 328.085

■ 88, 45.838,
163.617

■ 97, 8.247, 324.691

■ 87, 53.923,
162.132

■ 86, 61.163,
160.458

■ 85, 67.463,
158.574

■ 85, 72.802,
156.474

■ 85, 77.283,
154.191

■ 85, 78.049,
153.785

Harmonies

Complementary

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



92, 18.052, 167.193



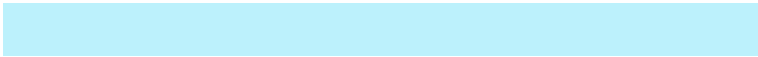
84, 18.689, 350.576

Rectangle

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



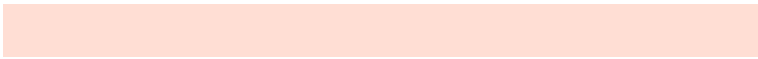
92, 18.052, 167.193



92, 18.052, 217.193



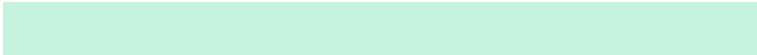
92, 18.052, 347.193



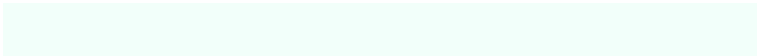
92, 18.052, 37.193

Sweetspot

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



92, 18.054, 167.190



99, 5.198, 168.517



93, 24.515, 131.127



53, 3.547, 168.441



0, 0.000, 0.000



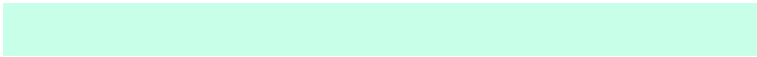
53, 0.007, 296.813

Same Dimension

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



92, 18.054, 167.190



96, 22.727, 166.788



91, 13.634, 206.619



49, 5.618, 168.062



66, 62.978, 154.220



20, 25.702, 157.959

Inverse Universe

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



84, 18.689, 350.576



86, 23.702, 351.006



84, 15.425, 27.635



47, 5.723, 349.667



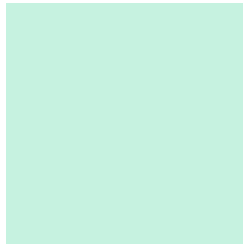
39, 66.165, 10.760



8, 28.869, 2.759

Previews

White Background



This preview shows how the CIE LCh color 92, 18.052, 167.193 looks on a white background.

Color Contrast Check

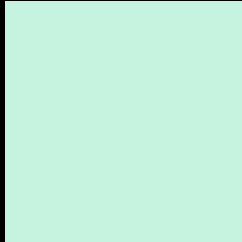
Large Text (above 18pt) WCAG AA × Fail

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, 18.052, 167.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

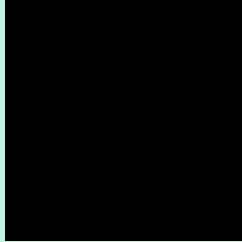
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

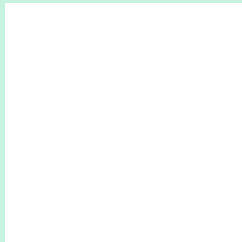
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 18.052, 167.193

Background



This preview shows how black text looks on a background with the CIELCh color 92, 18.052, 167.193.

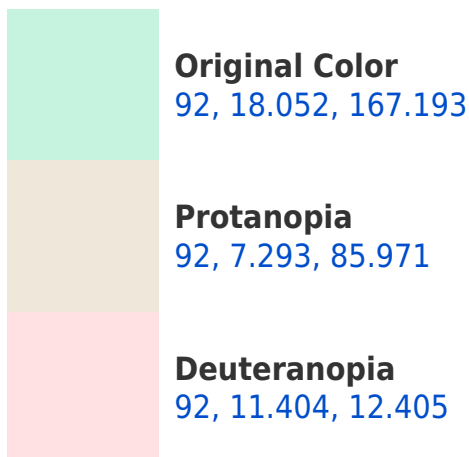


This preview shows how white text looks on a background with the CIELCh color 92, 18.052, 167.193.

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



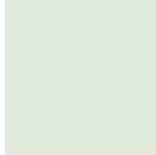


Tritanopia
92, 13.877, 241.232

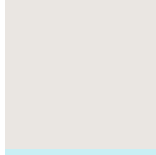
Trichromacy



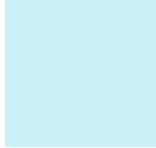
Original Color
92, 18.052, 167.193



Protanomaly
92, 8.724, 136.528



Deuteranomaly
91, 2.498, 74.840

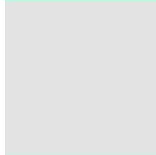


Tritanomaly
92, 12.645, 210.515

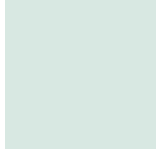
Monochromacy



Original Color
92, 18.052, 167.193



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 6.494, 170.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 18.052, 167.193 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(198, 242, 224)` looks like.

```
.text, #text, p{  
    color:rgb(198, 242, 224)  
}
```

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(198, 242, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 242, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 18.052, 167.193 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(198, 242, 224) }
```

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

```
.border{ border-color:rgb(198, 242, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 242, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 242, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 242, 224);  
box-shadow:4px 4px 4px 4px rgb(198, 242,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 18.052, 167.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 242, 224) }
```

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

```
.background{ background-color: rgb(198,  
242, 224) }
```

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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