

Converting Colors

CIELCh(92, 18.103, 163.432)

Have a look what the booklet for
CIELCh(92, 18.103, 163.432)
contains.

CIELCh(92, 18.103, 163.432)	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(92, 18.103, 163.432)

Conversions

Conversions Part 1

Format	Color
Hex	C8F2DE
RGB	200, 242, 222
RGB Percent	78%, 95%, 87%
CMY	0.2174, 0.0527, 0.1311
CMYK	0.17, 0.00, 0.08, 0.05
HSL	151°, 61%, 86%
HSV	151°, 17%, 95%
XYZ	68.4455, 80.7044, 80.7659
YIQ	227.1620, -18.6120, -15.1240

Conversions

Conversions Part 2

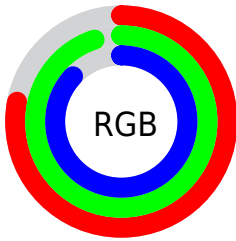
Format	Color
R _Y B	200, 228, 242
Decimal	13169374
CIE Lab	92.00, -17.35, 5.16
CIE LCh	92, 18.103, 163.432
Yxy	80.7044, 0.2977, 0.3510
Android (android.graphics.Color)	4291359454 (0xFFC8F2DE)
YUV	227.1620, -2.5449, -23.8211
Hunter-Lab	89.8356, -21.2138, 9.5808

Details

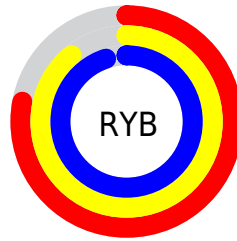
The CIELCh color **92, 18.103, 163.432** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **85, 18.556, 346.490**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 18.070, 163.115** is the 20% darker color. If you saturate the color by 10%, you get **90, 28.363, 162.394**, and if you desaturate by 10%, it is **94, 7.696, 164.389**.

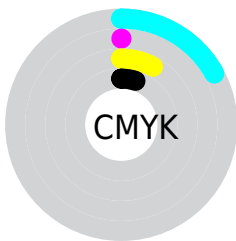
Distribution



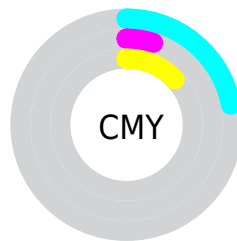
- Red (78%)
- Green (95%)
- Blue (87%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (8%)
- Black (5%)





- Cyan (22%)
- Magenta (5%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 18.103, 163.432 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, 18.103, 163.432 by changing the saturation by 10% instead.


 92, 18.103,
163.432


 92, 18.103,
163.432


 100, 18.103,
163.432


 82, 18.103,
163.432


 72, 18.103,
163.432

 62, 18.103,
163.432


 52, 18.103,
163.432

 42, 18.103,
163.432


 32, 18.103,
163.432


 22, 18.103,


163.432

 12, 18.103,
163.432


 2, 18.103, 163.432

 92, 18.103,
163.432

 92, 18.103,
163.432

 90, 28.363,
162.394

 94, 7.696, 164.389

 89, 38.314,
161.239

 96, 2.732, 344.989

 97, 8.380, 324.696

 88, 47.781,
159.939

 87, 56.586,
158.468

■ 86, 64.568,
156.800

■ 85, 71.609,
154.919

■ 85, 77.668,
152.822

■ 84, 82.811,
150.542

■ 84, 84.074,
149.951

Harmonies

Complementary

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



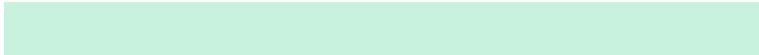
92, 18.103, 163.432



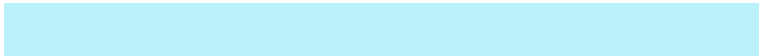
85, 18.556, 346.490

Rectangle

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



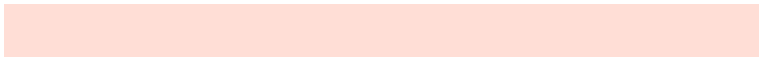
92, 18.103, 163.432



92, 18.103, 213.432



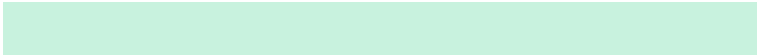
92, 18.103, 343.432



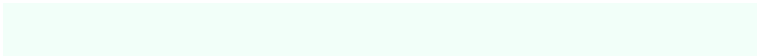
92, 18.103, 33.432

Sweetspot

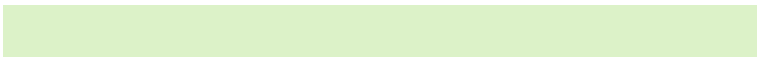
The Sweet Spot groups the original color and five complimentary colors.



92, 18.105, 163.430



99, 5.442, 164.624



93, 23.003, 128.870



53, 3.714, 164.552



0, 0.000, 0.000



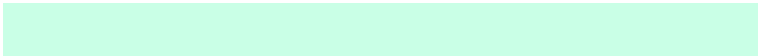
53, 0.007, 296.813

Same Dimension

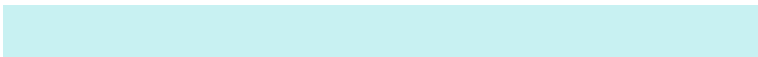
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 18.105, 163.430



96, 22.820, 163.061



92, 13.912, 200.038



49, 5.887, 164.190



66, 67.846, 150.384



20, 27.522, 154.162

Inverse Universe

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



85, 18.556, 346.490



86, 23.508, 346.866



84, 15.605, 21.913



47, 5.971, 345.722



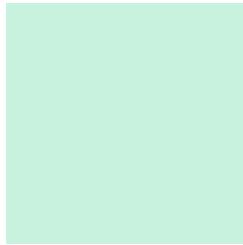
39, 66.029, 4.255



8, 29.242, 357.415

Previews

White Background



This preview shows how the CIELCh color 92, 18.103, 163.432 looks on a white background.

Color Contrast Check

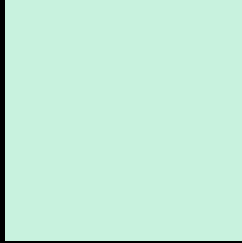
Large Text (above 18pt) WCAG AA × Fail

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, 18.103, 163.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

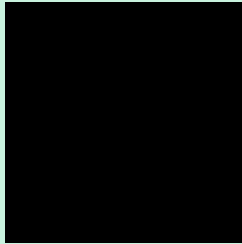
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

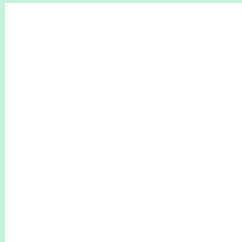
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 18.103, 163.432

Background



This preview shows how black text looks on a background with the CIELCh color 92, 18.103, 163.432.

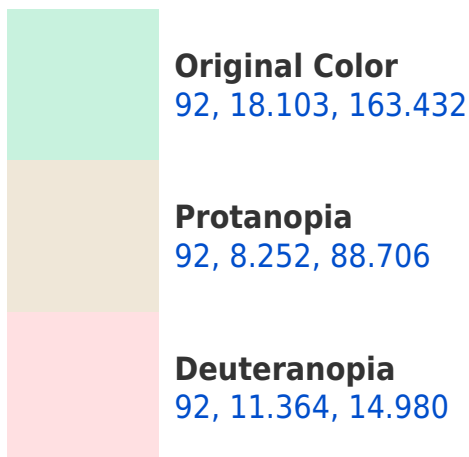


This preview shows how white text looks on a background with the CIELCh color 92, 18.103, 163.432.

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



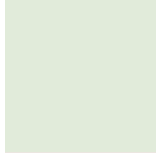


Tritanopia
92, 13.761, 244.766

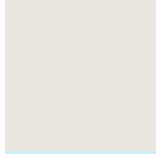
Trichromacy



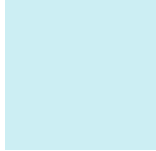
Original Color
92, 18.103, 163.432



Protanomaly
92, 9.509, 131.803



Deuteranomaly
92, 3.565, 79.486

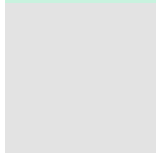


Tritanomaly
92, 11.710, 211.542

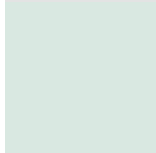
Monochromacy



Original Color
92, 18.103, 163.432



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 6.478, 165.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 18.103, 163.432 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(200, 242, 222)` looks like.

```
.text, #text, p{  
    color:rgb(200, 242, 222)  
}
```

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(200, 242, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 242, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 18.103, 163.432 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(200, 242, 222) }
```

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

```
.border{ border-color:rgb(200, 242, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 242, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 242, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 242, 222);  
box-shadow:4px 4px 4px 4px rgb(200, 242,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 18.103, 163.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 242, 222) }
```

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

```
.background{ background-color: rgb(200,  
242, 222) }
```

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