

Converting Colors

CIELCh(92, 31.203, 143.133)

Have a look what the booklet for
CIELCh(92, 31.203, 143.133)
contains.

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Color

CIElCh(92, 31.575, 143.119)

Conversions

Conversions Part 1

Format	Color
Hex	C3F5C3
RGB	195, 245, 195
RGB Percent	76%, 96%, 76%
CMY	0.2360, 0.0399, 0.2360
CMYK	0.20, 0.00, 0.20, 0.04
HSL	120°, 71%, 86%
HSV	120°, 20%, 96%
XYZ	64.8872, 80.7044, 63.6829
YIQ	224.3500, -13.7500, -26.1500

Conversions

Conversions Part 2

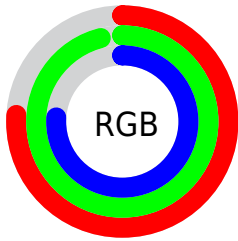
Format	Color
RYB	195, 245, 245
Decimal	12842435
CIELab	92.00, -25.26, 18.95
CIElCh	92, 31.575, 143.119
Yxy	80.7044, 0.3101, 0.3856
Android (android.graphics.Color)	4291032515 (0xFFC3F5C3)
YUV	224.3500, -14.4695, -25.7399
Hunter-Lab	89.8356, -28.2840, 20.8553

Details

The CIELCh color **92, 31.575, 143.119** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84, 31.598, 325.559**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.850, 144.544**, and **72, 31.833, 142.753** is the 20% darker color. If you saturate the color by 10%, you get **90, 46.992, 142.287**, and if you desaturate by 10%, it is **94, 16.049, 143.837**.

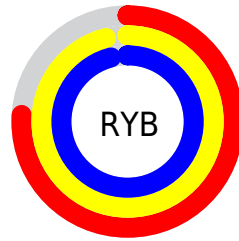
Distribution



Red (76%)

Green (96%)

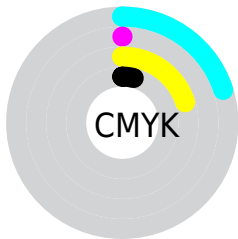
Blue (76%)



Red (76%)

Yellow (96%)

Blue (96%)

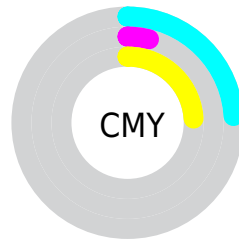


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (4%)



Cyan (24%)


Magenta (4%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 31.575, 143.119 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, 31.575, 143.119 by changing the saturation by 10% instead.


 92, 31.575,
143.119


 92, 31.575,
143.119


 100, 31.575,
143.119


 82, 31.575,
143.119

 72, 31.575,
143.119

 62, 31.575,
143.119

 52, 31.575,
143.119

 42, 31.575,
143.119

 32, 31.575,
143.119

 22, 31.575,

143.119

■ 12, 31.575,
143.119

■ 2, 31.575, 143.119

■ 92, 31.575,
143.119

■ 92, 31.575,
143.119

■ 90, 46.992,
142.287

■ 94, 16.049,
143.837

■ 89, 61.985,
141.330

■ 96, 0.635, 144.892

■ 98, 6.339, 324.614

■ 87, 76.156,
140.260

■ 86, 89.011,
139.118

■ 86, 99.959,
137.992

■ 85, 108.364,
137.016

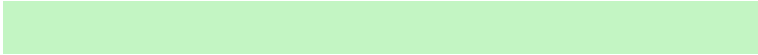
■ 85, 113.707,
136.339

■ 85, 116.139,
136.016

Harmonies

Complementary

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



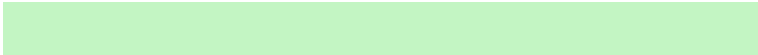
92, 31.575, 143.119



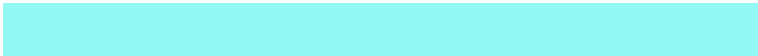
84, 31.598, 325.559

Rectangle

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



92, 31.575, 143.119



92, 31.575, 193.119



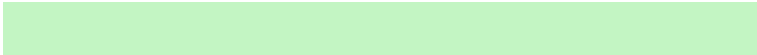
92, 31.575, 323.119



92, 31.575, 13.119

Sweetspot

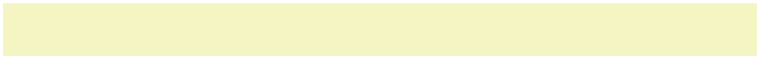
The Sweet Spot groups the original color and five complimentary colors.



92, 31.577, 143.119



99, 9.517, 144.129



95, 25.421, 108.188



52, 6.316, 144.085



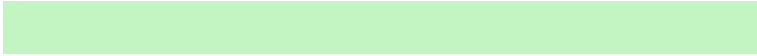
0, 0.000, 0.000



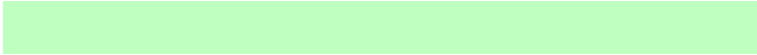
53, 0.007, 296.813

Same Dimension

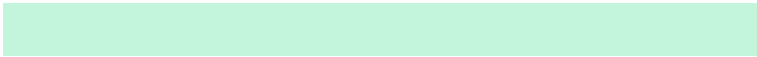
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 31.577, 143.119



94, 39.962, 142.749



93, 21.867, 161.850



50, 8.745, 143.900



66, 94.552, 136.016



20, 41.093, 137.399

Inverse Universe

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



84, 31.598, 325.559



85, 39.975, 325.813



84, 22.438, 345.453



48, 8.758, 324.946



44, 91.225, 328.234



11, 40.560, 328.234

Previews

White Background



This preview shows how the CIE LCh color 92, 31.575, 143.119 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, 31.575, 143.119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

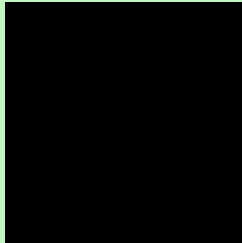
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

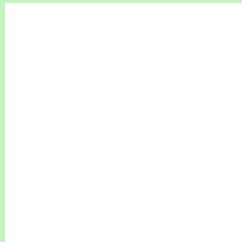
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 31.575, 143.119

Background



This preview shows how black text looks on a background with the CIELCh color 92, 31.575, 143.119.

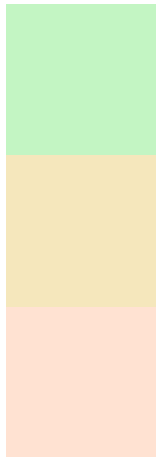


This preview shows how white text looks on a background with the CIELCh color 92, 31.575, 143.119.

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, 31.575, 143.119

Protanopia
92, 22.758, 94.698

Deuteranopia
92, 13.675, 56.881

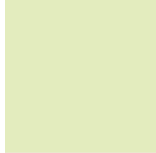


Tritanopia
92, 13.761, 244.766

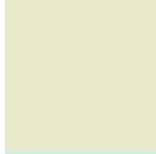
Trichromacy



Original Color
92, 31.575, 143.119



Protanomaly
92, 23.841, 116.478

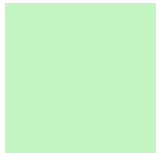


Deuteranomaly
92, 14.922, 108.970

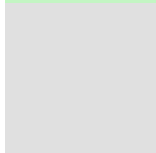


Tritanomaly
92, 13.154, 184.876

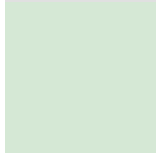
Monochromacy



Original Color
92, 31.575, 143.119



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 12.054, 143.986

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 31.575, 143.119 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(195, 245, 195)` looks like.

```
.text, #text, p{  
    color:rgb(195, 245, 195)  
}
```

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(195, 245, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 245, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 31.575, 143.119 is called "border". The border property can be set on classes, ids or directly on the HTML element.

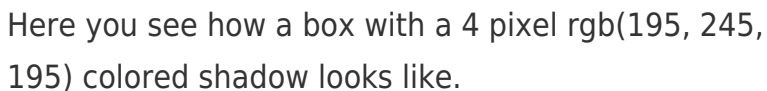
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 245, 195) }
```

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

```
.border{ border-color:rgb(195, 245, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 245, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 245, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 245, 195); box-shadow:4px 4px 4px 4px rgb(195, 245, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 31.575, 143.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 245, 195) }
```

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

```
.background{ background-color: rgb(195,  
245, 195) }
```

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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