

Converting Colors

CIELCh(90, 43.253, 135.242)

Have a look what the booklet for
CIELCh(90, 43.253, 135.242)
contains.

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Color

CIELCh(90, 43.001, 135.144)

Conversions

Conversions Part 1

Format	Color
Hex	BBF1A7
RGB	187, 241, 167
RGB Percent	73%, 95%, 65%
CMY	0.2665, 0.0547, 0.3449
CMYK	0.22, 0.00, 0.31, 0.05
HSL	104°, 73%, 80%
HSV	104°, 31%, 95%
XYZ	58.9553, 76.3034, 48.2027
YIQ	216.4180, -8.4300, -34.4620

Conversions

Conversions Part 2

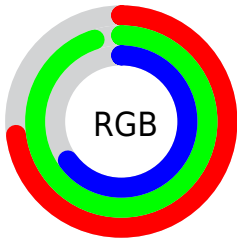
Format	Color
RYB	167, 241, 221
Decimal	12317095
CIELab	90.00, -30.48, 30.33
CIELCh	90, 43.001, 135.144
Yxy	76.3034, 0.3213, 0.4159
Android (android.graphics.Color)	4290507175 (0xFFBBF1A7)
YUV	216.4180, -24.3631, -25.7996
Hunter-Lab	87.3518, -32.3928, 28.4287

Details

The CIELCh color **90, 43.001, 135.144** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76, 43.883, 317.995**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 16.726, 122.763**, and **70, 43.447, 135.216** is the 20% darker color. If you saturate the color by 10%, you get **89, 56.726, 134.557**, and if you desaturate by 10%, it is **92, 29.013, 135.699**.

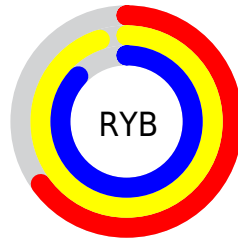
Distribution



Red (73%)

Green (95%)

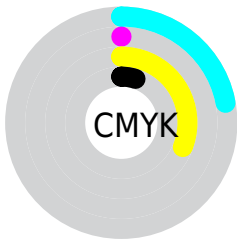
Blue (65%)



Red (65%)

Yellow (95%)

Blue (87%)

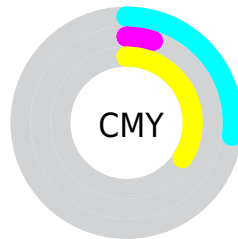


Cyan (22%)

Magenta (0%)

Yellow (31%)

Black (5%)



Cyan (27%)


Magenta (5%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 43.001, 135.144 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 90, 43.001, 135.144 by changing the saturation by 10% instead.


 90, 43.001,
135.144


 90, 43.001,
135.144

 100, 43.001,
135.144

 80, 43.001,
135.144

 70, 43.001,
135.144

 60, 43.001,
135.144


 50, 43.001,
135.144

 40, 43.001,
135.144


 30, 43.001,
135.144


 20, 43.001,


135.144


 10, 43.001,
135.144


 0, 43.001, 135.144


 90, 43.001,
135.144

 90, 43.001,
135.144

 89, 56.726,
134.557


 92, 29.013,
135.699

 87, 69.907,
133.968

 93, 14.953,
136.207

 86, 82.169,
133.436

 95, 0.965, 136.864

 86, 93.008,
133.056

 97, 8.690, 324.708

■ 85, 101.817,
132.956

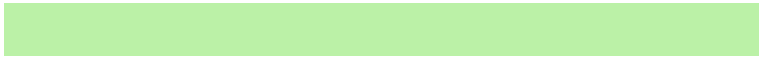
■ 84, 108.044,
133.258

■ 84, 111.554,
133.860

Harmonies

Complementary

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



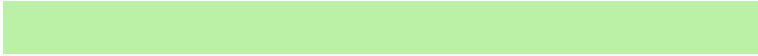
90, 43.001, 135.144



76, 43.883, 317.995

Rectangle

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



90, 43.001, 135.144



90, 43.001, 185.144



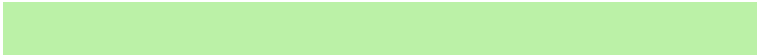
90, 43.001, 315.144



90, 43.001, 5.144

Sweetspot

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



90, 43.003, 135.145



98, 13.151, 136.289



88, 28.727, 91.047



52, 9.145, 136.218



0, 0.000, 0.000



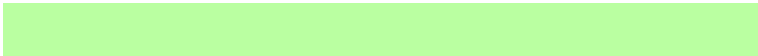
53, 0.007, 296.813

Same Dimension

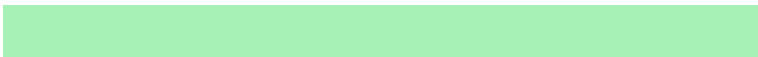
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90, 43.003, 135.145



94, 54.101, 134.770



89, 40.180, 148.726



49, 7.899, 136.267



66, 90.724, 133.660



20, 37.454, 133.320

Inverse Universe

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



76, 43.883, 317.995



76, 55.427, 318.267



77, 40.386, 333.145



47, 7.957, 317.054



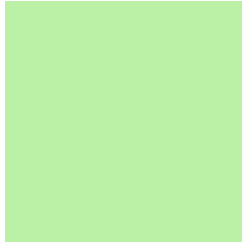
35, 93.062, 318.324



7, 40.100, 319.446

Previews

White Background



This preview shows how the CIELCh color 90, 43.001, 135.144 looks on a white background.

Color Contrast Check

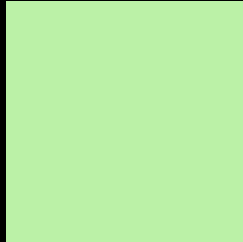
Large Text (above 18pt) WCAG AA × Fail

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 90, 43.001, 135.144 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 90, 43.001, 135.144

Background



This preview shows how black text looks on a background with the CIELCh color 90, 43.001, 135.144.

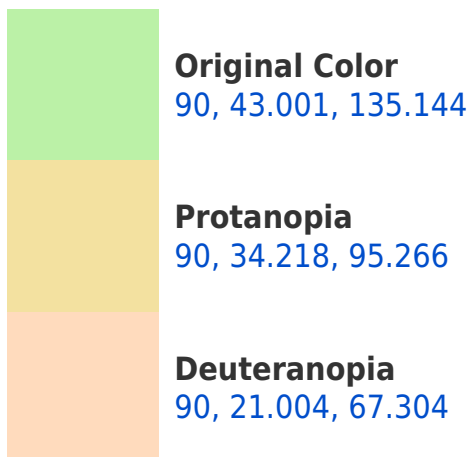


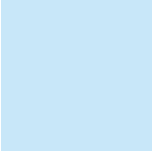
This preview shows how white text looks on a background with the CIELCh color 90, 43.001, 135.144.

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



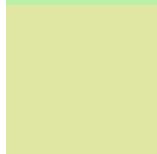


Tritanopia
90, 13.695, 242.196

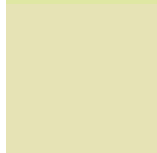
Trichromacy



Original Color
90, 43.001, 135.144



Protanomaly
90, 34.941, 112.458



Deuteranomaly
89, 23.748, 105.426

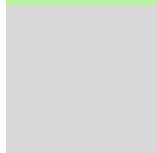


Tritanomaly
90, 16.407, 167.864

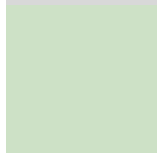
Monochromacy



Original Color
90, 43.001, 135.144



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 15.916, 136.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 43.001, 135.144 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(187, 241, 167)` looks like.

```
.text, #text, p{  
    color:rgb(187, 241, 167)  
}
```

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(187, 241, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 241, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 43.001, 135.144 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(187, 241, 167) }
```

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

```
.border{ border-color:rgb(187, 241, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 241, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 241, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 241, 167);  
box-shadow:4px 4px 4px 4px rgb(187, 241,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 43.001, 135.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 241, 167) }
```

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

```
.background{ background-color: rgb(187,  
241, 167) }
```

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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