

Converting Colors

CIELCh(92, 49.678, 133.120)

Have a look what the booklet for
CIELCh(92, 49.678, 133.120)
contains.

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Color

CIELCh(92, 49.425, 133.336)

Conversions

Conversions Part 1

Format	Color
Hex	BDF8A1
RGB	189, 248, 161
RGB Percent	74%, 97%, 63%
CMY	0.2579, 0.0265, 0.3678
CMYK	0.24, 0.00, 0.35, 0.03
HSL	101°, 87%, 80%
HSV	101°, 35%, 97%
XYZ	61.1318, 80.7044, 46.1725
YIQ	220.4410, -7.2370, -39.5650

Conversions

Conversions Part 2

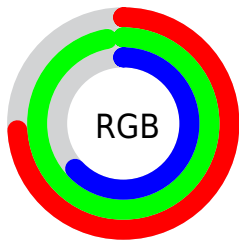
Format	Color
RYB	161, 248, 220
Decimal	12449953
CIELab	92.00, -33.92, 35.95
CIELCh	92, 49.425, 133.336
Yxy	80.7044, 0.3252, 0.4293
Android (android.graphics.Color)	4290640033 (0xFFBDF8A1)
YUV	220.4410, -29.3044, -27.5738
Hunter-Lab	89.8356, -35.7459, 32.4119

Details

The CIELCh color **92, 49.425, 133.336** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **75, 50.873, 316.555**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 20.028, 118.180**, and **72, 49.396, 133.173** is the 20% darker color. If you saturate the color by 10%, you get **91, 63.063, 132.791**, and if you desaturate by 10%, it is **93, 35.418, 133.874**.

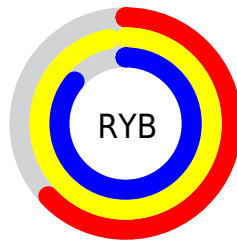
Distribution



Red (74%)

Green (97%)

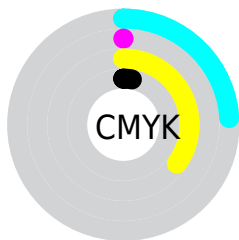
Blue (63%)



Red (63%)

Yellow (97%)

Blue (86%)

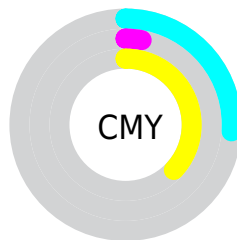


Cyan (24%)

Magenta (0%)

Yellow (35%)

Black (3%)



Cyan (26%)


Magenta (3%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 49.425, 133.336 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, 49.425, 133.336 by changing the saturation by 10% instead.


 92, 49.425,
133.336


 92, 49.425,
133.336


 100, 49.425,
133.336


 82, 49.425,
133.336

 72, 49.425,
133.336

 62, 49.425,
133.336

 52, 49.425,
133.336

 42, 49.425,
133.336

 32, 49.425,
133.336

 22, 49.425,

133.336

■ 12, 49.425,
133.336

■ 2, 49.425, 133.336

■ 92, 49.425,
133.336

■ 92, 49.425,
133.336

■ 91, 63.063,
132.791

■ 93, 35.418,
133.874

■ 90, 76.017,
132.282

■ 95, 21.259,
134.380

■ 89, 87.860,
131.887

■ 97, 7.105, 134.855

■ 88, 98.032,
131.719

■ 98, 4.211, 324.515

■ 87,105.913,
131.911

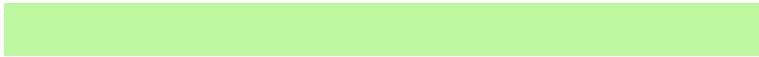
■ 87,111.072,
132.556

■ 86,112.814,
132.975

Harmonies

Complementary

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



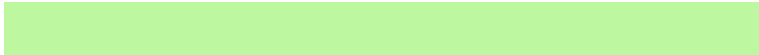
92, 49.425, 133.336



75, 50.873, 316.555

Rectangle

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



92, 49.425, 133.336



92, 49.425, 183.336



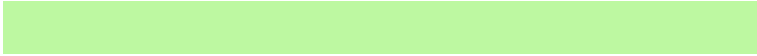
92, 49.425, 313.336



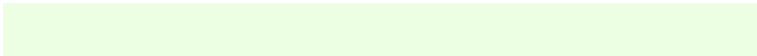
92, 49.425, 3.336

Sweetspot

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



92, 49.427, 133.337



98, 15.853, 134.573



89, 32.290, 86.536



52, 10.657, 134.509



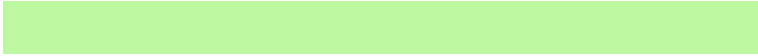
0, 0.000, 0.000



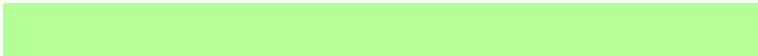
53, 0.007, 296.813

Same Dimension

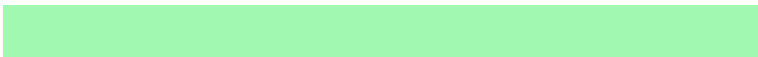
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 49.427, 133.337



93, 60.249, 132.953



91, 48.643, 146.630



51, 8.054, 134.645



67, 91.566, 132.754



22, 39.758, 131.739

Inverse Universe

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



75, 50.873, 316.555



72, 62.360, 316.849



77, 48.748, 331.599



49, 8.125, 315.421



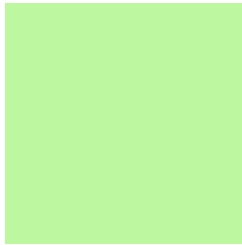
34, 95.893, 316.668



7, 42.996, 317.916

Previews

White Background



This preview shows how the CIE LCh color 92, 49.425, 133.336 looks on a white background.

Color Contrast Check

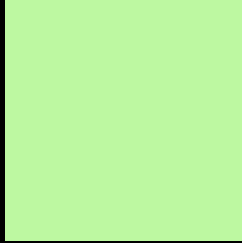
Large Text (above 18pt) WCAG AA × Fail

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 92, 49.425, 133.336 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, 49.425, 133.336

Background



This preview shows how black text looks on a background with the CIELCh color 92, 49.425, 133.336.

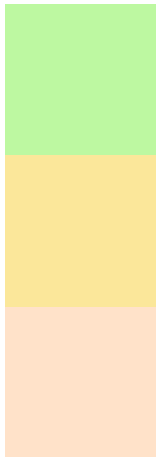


This preview shows how white text looks on a background with the CIELCh color 92, 49.425, 133.336.

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, 49.425, 133.336

Protanopia
92, 40.131, 95.397

Deuteranopia
92, 17.019, 68.775

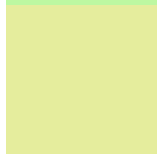


Tritanopia
92, 13.877, 241.232

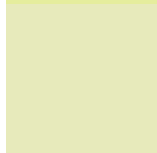
Trichromacy



Original Color
92, 49.425, 133.336



Protanomaly
92, 40.717, 111.341



Deuteranomaly
91, 24.142, 110.937

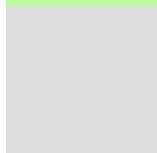


Tritanomaly
92, 18.117, 163.425

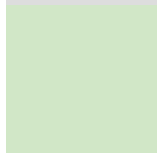
Monochromacy



Original Color
92, 49.425, 133.336



Achromatopsia
88, 0.010, 296.813



Achromatomaly
89, 18.494, 134.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 49.425, 133.336 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(189, 248, 161)` looks like.

```
.text, #text, p{  
    color:rgb(189, 248, 161)  
}
```

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(189, 248, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 248, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 49.425, 133.336 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(189, 248, 161) }
```

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

```
.border{ border-color:rgb(189, 248, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 248, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 248, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 248, 161);  
box-shadow:4px 4px 4px 4px rgb(189, 248,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 49.425, 133.336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 248, 161) }
```

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

```
.background{ background-color: rgb(189,  
248, 161) }
```

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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