

Converting Colors

CIELCh(92, 21.632, 134.514)

Have a look what the booklet for
CIELCh(92, 21.632, 134.514)
contains.

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Color

CIELCh(92, 21.796, 134.536)

Conversions

Conversions Part 1

Format	Color
Hex	D6F0CA
RGB	214, 240, 202
RGB Percent	84%, 94%, 79%
CMY	0.1616, 0.0597, 0.2087
CMYK	0.11, 0.00, 0.16, 0.06
HSL	101°, 56%, 87%
HSV	101°, 16%, 94%
XYZ	69.3958, 80.7044, 67.6621
YIQ	227.8940, -3.2980, -17.3300

Conversions

Conversions Part 2

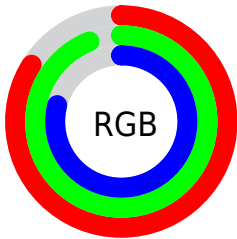
Format	Color
R _Y B	202, 240, 228
Decimal	14086346
CIE Lab	92.00, -15.29, 15.54
CIE LCh	92, 21.796, 134.536
Yxy	80.7044, 0.3187, 0.3706
Android (android.graphics.Color)	4292276426 (0xFFD6F0CA)
YUV	227.8940, -12.7657, -12.1850
Hunter-Lab	89.8356, -19.3256, 18.2291

Details

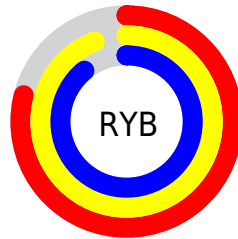
The CIELCh color **92, 21.796, 134.536** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84, 22.082, 315.898**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 21.784, 134.687** is the 20% darker color. If you saturate the color by 10%, you get **90, 35.587, 134.028**, and if you desaturate by 10%, it is **94, 8.007, 135.014**.

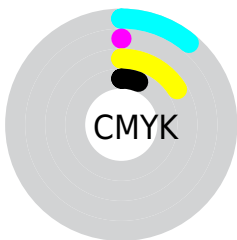
Distribution



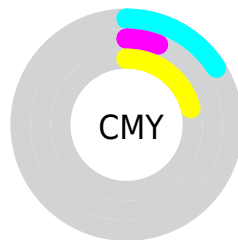
- Red (84%)
- Green (94%)
- Blue (79%)



- Red (79%)
- Yellow (94%)
- Blue (89%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (6%)





- Cyan (16%)
- Magenta (6%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 21.796, 134.536 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, 21.796, 134.536 by changing the saturation by 10% instead.


 92, 21.796,
134.536


 92, 21.796,
134.536


 100, 21.796,
134.536


 82, 21.796,
134.536

 72, 21.796,
134.536

 62, 21.796,
134.536

 52, 21.796,
134.536

 42, 21.796,
134.536

 32, 21.796,
134.536

 22, 21.796,

134.536

■ 12, 21.796,
134.536

■ 2, 21.796, 134.536

■ 92, 21.796,
134.536

■ 92, 21.796,
134.536

■ 90, 35.587,
134.028

■ 94, 8.007, 135.014

■ 89, 49.215,
133.486

■ 95, 5.675, 315.363

■ 96, 9.488, 324.739

■ 88, 62.461,
132.936

■ 87, 75.018,
132.426

■ 86, 86.458,
132.034

■ 85, 96.230,
131.874

■ 84, 103.736,
132.079

■ 84, 108.581,
132.736

■ 84, 110.019,
133.068

Harmonies

Complementary

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



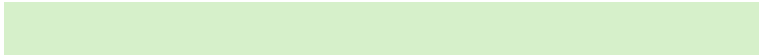
92, 21.796, 134.536



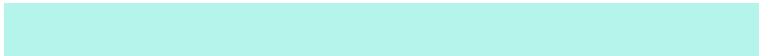
84, 22.082, 315.898

Rectangle

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



92, 21.796, 134.536



92, 21.796, 184.536



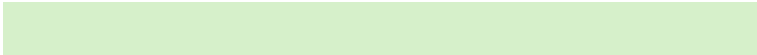
92, 21.796, 314.536



92, 21.796, 4.536

Sweetspot

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



92, 21.798, 134.538



99, 7.194, 135.054



91, 14.141, 90.432



53, 4.911, 135.020



0, 0.000, 0.000



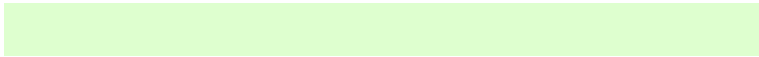
53, 0.007, 296.813

Same Dimension

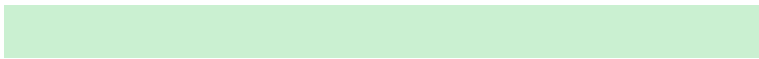
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 21.798, 134.538



97, 27.492, 134.378



91, 21.155, 148.890



49, 7.796, 134.843



66, 89.821, 132.848



20, 37.028, 132.318

Inverse Universe

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



84, 22.082, 315.898



87, 27.918, 316.041



85, 21.223, 330.925



47, 7.864, 315.616



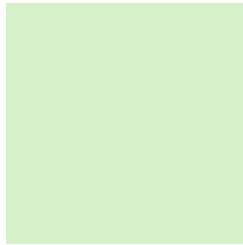
34, 93.837, 316.877



6, 40.096, 317.991

Previews

White Background



This preview shows how the CIELCh color 92, 21.796, 134.536 looks on a white background.

Color Contrast Check

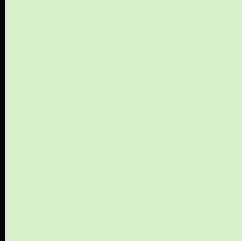
Large Text (above 18pt) WCAG AA × Fail

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, 21.796, 134.536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

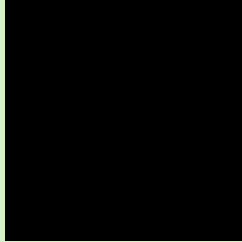
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

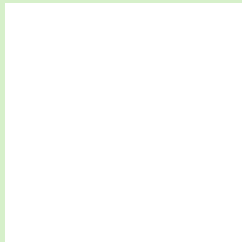
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 92, 21.796, 134.536

Background



This preview shows how black text looks on a background with the CIELCh color 92, 21.796, 134.536.

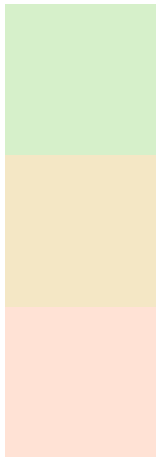


This preview shows how white text looks on a background with the CIELCh color 92, 21.796, 134.536.

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, 21.796, 134.536

Protanopia
92, 18.178, 93.017

Deuteranopia
92, 12.745, 51.573

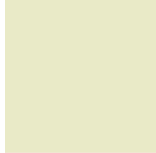


Tritanopia
92, 9.957, 268.881

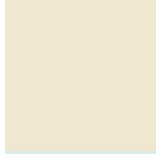
Trichromacy



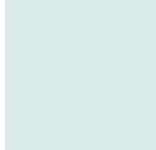
Original Color
92, 21.796, 134.536



Protanomaly
92, 17.991, 109.919

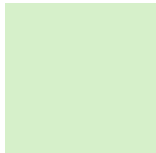


Deuteranomaly
92, 11.805, 92.808

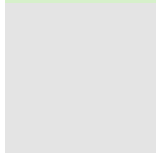


Tritanomaly
92, 5.713, 188.681

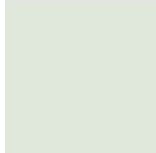
Monochromacy



Original Color
92, 21.796, 134.536



Achromatopsia
91, 0.011, 296.813



Achromatomaly
91, 7.957, 133.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 21.796, 134.536 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(214, 240, 202)` looks like.

```
.text, #text, p{  
    color:rgb(214, 240, 202)  
}
```

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(214, 240, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 240, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 21.796, 134.536 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(214, 240, 202) }
```

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

```
.border{ border-color:rgb(214, 240, 202) }
```

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

Here you see how a box with a 4 pixel rgb(214, 240, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 240, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 240, 202);  
box-shadow:4px 4px 4px 4px rgb(214, 240,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 21.796, 134.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 240, 202) }
```

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

```
.background{ background-color: rgb(214,  
240, 202) }
```

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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