

Converting Colors

CIELCh(90, 19.416, 138.836)

Have a look what the booklet for
CIELCh(90, 19.416, 138.836)
contains.

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Color

CIElCh(90, 19.338, 139.430)

Conversions

Conversions Part 1

Format	Color
Hex	CFEACA
RGB	207, 234, 202
RGB Percent	81%, 92%, 79%
CMY	0.1886, 0.0827, 0.2082
CMYK	0.12, 0.00, 0.14, 0.08
HSL	111°, 43%, 85%
HSV	111°, 14%, 92%
XYZ	65.7515, 76.3034, 67.0823
YIQ	222.2790, -5.8200, -15.6760

Conversions

Conversions Part 2

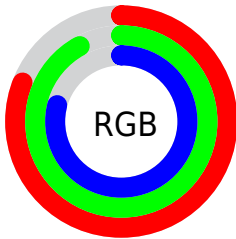
Format	Color
R_{YB}	202, 234, 229
Decimal	13626058
CIE _{Lab}	90.00, -14.69, 12.58
CIE _{LCh}	90, 19.338, 139.430
Yxy	76.3034, 0.3144, 0.3648
Android (android.graphics.Color)	4291816138 (0xFFCFEACA)
YUV	222.2790, -9.9975, -13.3997
Hunter-Lab	87.3518, -18.5050, 15.6141

Details

The CIELCh color **90, 19.338, 139.430** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84, 19.448, 320.723**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 19.242, 139.904** is the 20% darker color. If you saturate the color by 10%, you get **88, 33.563, 138.834**, and if you desaturate by 10%, it is **92, 5.167, 139.981**.

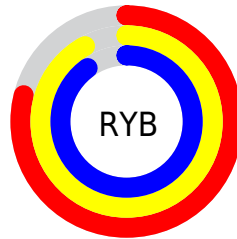
Distribution



Red (81%)

Green (92%)

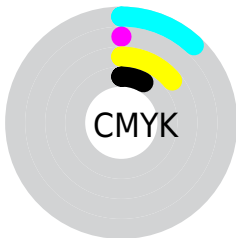
Blue (79%)



Red (79%)

Yellow (92%)

Blue (90%)

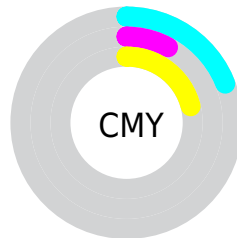


Cyan (12%)

Magenta (0%)

Yellow (14%)

Black (8%)



Cyan (19%)


Magenta (8%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 19.338, 139.430 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, 19.338, 139.430 by changing the saturation by 10% instead.


 90, 19.338,
139.430


 90, 19.338,
139.430


 100, 19.338,
139.430


 80, 19.338,
139.430


 70, 19.338,
139.430

 60, 19.338,
139.430

 50, 19.338,
139.430

 40, 19.338,
139.430

 30, 19.338,
139.430

 20, 19.338,

139.430

■ 10, 19.338,
139.430

■ 0, 19.338, 139.430

■ 90, 19.338,
139.430

■ 90, 19.338,
139.430

■ 88, 33.563,
138.834

■ 92, 5.167, 139.981

■ 87, 47.654,
138.165

■ 94, 8.826, 320.349

■ 85, 61.364,
137.435

■ 95, 13.165,
324.875

■ 84, 74.358,
136.674

■ 83, 86.197,
135.946

■ 83, 96.323,
135.352

■ 82, 104.121,
135.025

■ 82, 109.117,
135.074

■ 81, 111.010,
135.230

Harmonies

Complementary

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



90, 19.338, 139.430



84, 19.448, 320.723

Rectangle

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



90, 19.338, 139.430



90, 19.338, 189.430



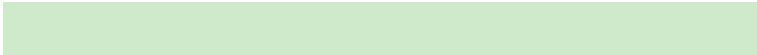
90, 19.338, 319.430



90, 19.338, 9.430

Sweetspot

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



90, 19.340, 139.431



99, 6.025, 139.961



91, 13.902, 100.799



53, 4.285, 139.917



0, 0.000, 0.000



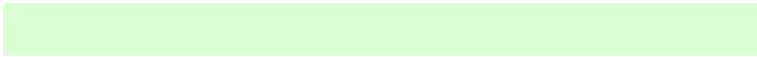
53, 0.007, 296.813

Same Dimension

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



90, 19.340, 139.431



97, 24.282, 139.294



90, 16.011, 154.666



48, 8.032, 139.663



64, 91.480, 135.105



19, 36.922, 135.704

Inverse Universe

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



84, 19.448, 320.723



90, 24.433, 320.837



84, 16.133, 336.625



46, 8.069, 320.522



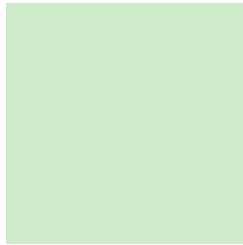
38, 90.524, 322.279



7, 38.599, 323.091

Previews

White Background



This preview shows how the CIELCh color 90, 19.338, 139.430 looks on a white background.

Color Contrast Check

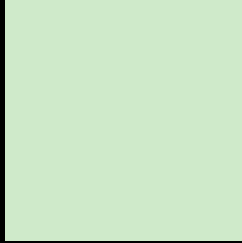
Large Text (above 18pt) WCAG AA × Fail

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, 19.338, 139.430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

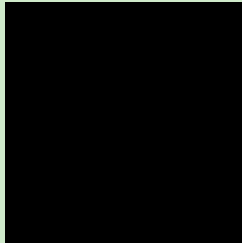
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

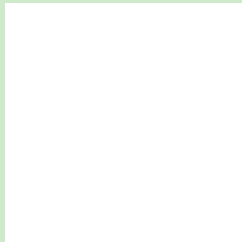
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 19.338, 139.430

Background



This preview shows how black text looks on a background with the CIELCh color 90, 19.338, 139.430.

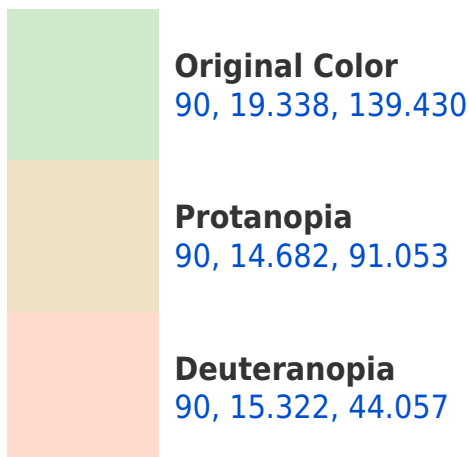


This preview shows how white text looks on a background with the CIELCh color 90, 19.338, 139.430.

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](#).

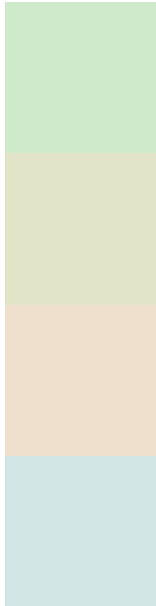
Dichromacy





Tritanopia
90, 10.392, 263.711

Trichromacy



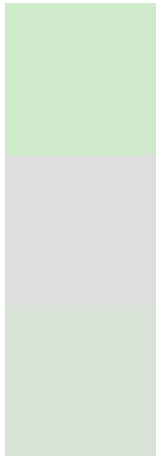
Original Color
90, 19.338, 139.430

Protanomaly
90, 15.009, 111.796

Deuteranomaly
90, 11.135, 81.346

Tritanomaly
90, 6.630, 199.044

Monochromacy



Original Color
90, 19.338, 139.430

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 6.601, 139.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 19.338, 139.430 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(207, 234, 202)` looks like.

```
.text, #text, p{  
    color:rgb(207, 234, 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(207, 234, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 234, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 19.338, 139.430 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(207, 234, 202) }
```

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

```
.border{ border-color:rgb(207, 234, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 234, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 234, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 234, 202);  
box-shadow:4px 4px 4px 4px rgb(207, 234,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 19.338, 139.430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 234, 202) }
```

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

```
.background{ background-color: rgb(207,  
234, 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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