

Converting Colors

CIELCh(90, 19.510, 154.419)

Have a look what the booklet for
CIELCh(90, 19.510, 154.419)
contains.

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Color

CIELCh(90, 19.494, 154.424)

Conversions

Conversions Part 1

Format	Color
Hex	C5ECD2
RGB	197, 236, 210
RGB Percent	77%, 93%, 82%
CMY	0.2285, 0.0756, 0.1775
CMYK	0.17, 0.00, 0.11, 0.08
HSL	140°, 50%, 85%
HSV	140°, 17%, 92%
XYZ	64.4688, 76.3034, 72.1245
YIQ	221.3750, -14.8980, -16.3540

Conversions

Conversions Part 2

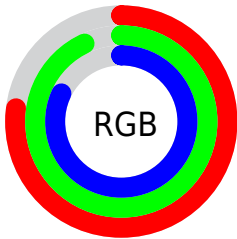
Format	Color
RYB	197, 226, 236
Decimal	12971218
CIELab	90.00, -17.58, 8.42
CIELCh	90, 19.494, 154.424
Yxy	76.3034, 0.3028, 0.3584
Android (android.graphics.Color)	4291161298 (0xFFC5ECD2)
YUV	221.3750, -5.6079, -21.3769
Hunter-Lab	87.3518, -21.1261, 12.1918

Details

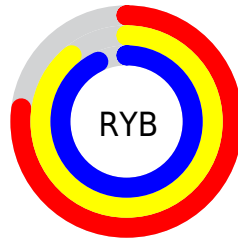
The CIELCh color **90, 19.494, 154.424** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **83, 19.667, 336.847**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.347, 201.292**, and **70, 19.199, 154.853** is the 20% darker color. If you saturate the color by 10%, you get **88, 31.270, 153.507**, and if you desaturate by 10%, it is **92, 7.679, 155.249**.

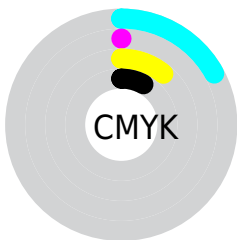
Distribution



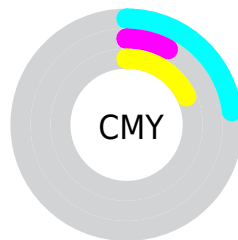
- Red (77%)
- Green (93%)
- Blue (82%)



- Red (77%)
- Yellow (89%)
- Blue (93%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (8%)





- Cyan (23%)
- Magenta (8%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 19.494, 154.424 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, 19.494, 154.424 by changing the saturation by 10% instead.


 90, 19.494,
154.424


 90, 19.494,
154.424


 100, 19.494,
154.424


 80, 19.494,
154.424

 70, 19.494,
154.424

 60, 19.494,
154.424

 50, 19.494,
154.424

 40, 19.494,
154.424

 30, 19.494,
154.424

 20, 19.494,

154.424

■ 10, 19.494,
154.424

■ 0, 19.494, 154.424

■ 90, 19.494,
154.424

■ 90, 19.494,
154.424

■ 88, 31.270,
153.507

■ 92, 7.679, 155.249

■ 87, 42.829,
152.460

■ 94, 4.044, 335.799

■ 85, 53.972,
151.257

■ 95, 12.027,
324.834

■ 84, 64.477,
149.877

■ 84, 74.127,
148.304

■ 83, 82.731,
146.536

■ 82, 90.158,
144.596

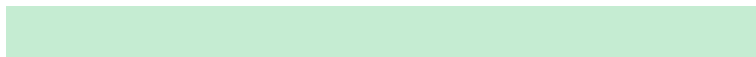
■ 82, 96.358,
142.548

■ 82, 98.277,
141.870

Harmonies

Complementary

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



90, 19.494, 154.424



83, 19.667, 336.847

Rectangle

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



90, 19.494, 154.424



90, 19.494, 204.424



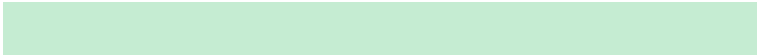
90, 19.494, 334.424



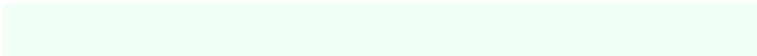
90, 19.494, 24.424

Sweetspot

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



90, 19.496, 154.423



99, 6.247, 155.377



92, 20.582, 121.497



53, 4.265, 155.316



0, 0.000, 0.000



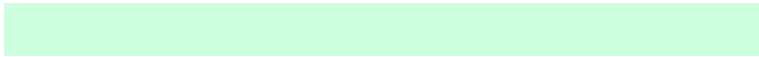
53, 0.007, 296.813

Same Dimension

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



90, 19.496, 154.423



96, 25.131, 154.112



90, 14.008, 183.092



48, 6.653, 155.011



64, 79.967, 142.243



19, 31.532, 145.962

Inverse Universe

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



83, 19.667, 336.847



87, 25.389, 337.126



83, 15.022, 6.129



46, 6.693, 336.302



40, 69.962, 347.378



8, 30.881, 343.735

Previews

White Background



This preview shows how the CIE LCh color 90, 19.494, 154.424 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 90, 19.494, 154.424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

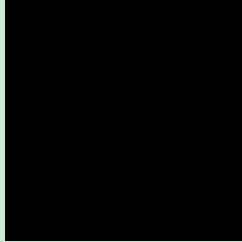
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

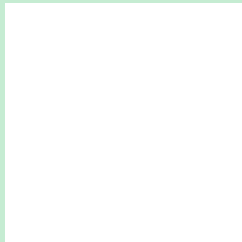
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 19.494, 154.424

Background



This preview shows how black text looks on a background with the CIELCh color 90, 19.494, 154.424.

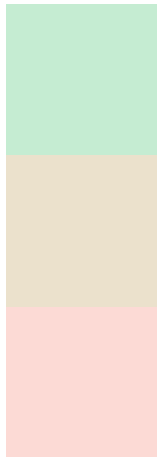


This preview shows how white text looks on a background with the CIELCh color 90, 19.494, 154.424.

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](#).

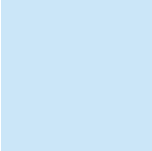
Dichromacy



Original Color
90, 19.494, 154.424

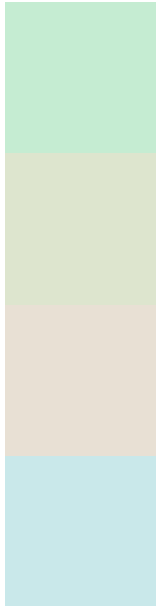
Protanopia
90, 11.483, 90.305

Deuteranopia
90, 12.926, 31.743



Tritanopia
90, 12.803, 246.162

Trichromacy



Original Color
90, 19.494, 154.424

Protanomaly
90, 12.277, 123.059

Deuteranomaly
89, 6.862, 84.279

Tritanomaly
90, 10.640, 204.384

Monochromacy



Original Color
90, 19.494, 154.424

Achromatopsia
88, 0.010, 296.813

Achromatomaly
89, 6.902, 156.298

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 19.494, 154.424 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(197, 236, 210)` looks like.

```
.text, #text, p{  
    color:rgb(197, 236, 210)  
}
```

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(197, 236, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 236, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 19.494, 154.424 is called "border". The border property can be set on classes, ids or directly on the HTML element.

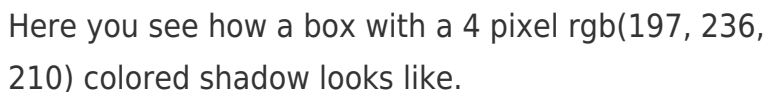
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 236, 210) }
```

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

```
.border{ border-color:rgb(197, 236, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 236, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 236, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 236, 210); box-shadow:4px 4px 4px 4px rgb(197, 236, 210) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 19.494, 154.424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 236, 210) }
```

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

```
.background{ background-color: rgb(197,  
236, 210) }
```

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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