

Converting Colors

CIELCh(90, 25.243, 142.969)

Have a look what the booklet for
CIELCh(90, 25.243, 142.969)
contains.

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Color

CIELCh(90, 25.395, 143.387)

Conversions

Conversions Part 1

Format	Color
Hex	C5EDC5
RGB	197, 237, 197
RGB Percent	77%, 93%, 77%
CMY	0.2283, 0.0714, 0.2283
CMYK	0.17, 0.00, 0.17, 0.07
HSL	120°, 52%, 85%
HSV	120°, 17%, 93%
XYZ	63.2438, 76.3034, 64.0903
YIQ	220.4800, -11.0000, -20.9200

Conversions

Conversions Part 2

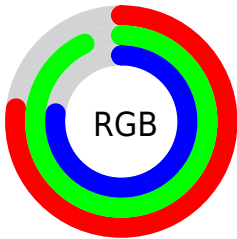
Format	Color
RYB	197, 237, 237
Decimal	12971461
CIELab	90.00, -20.38, 15.15
CIELCh	90, 25.395, 143.387
Yxy	76.3034, 0.3106, 0.3747
Android (android.graphics.Color)	4291161541 (0xFFC5EDC5)
YUV	220.4800, -11.5756, -20.5920
Hunter-Lab	87.3518, -23.6293, 17.6450

Details

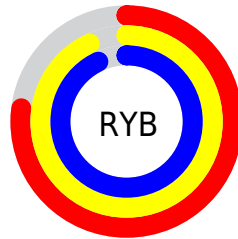
The CIELCh color **90, 25.395, 143.387** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **84, 25.419, 325.362**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.609, 144.928**, and **70, 25.399, 143.105** is the 20% darker color. If you saturate the color by 10%, you get **88, 40.470, 142.599**, and if you desaturate by 10%, it is **92, 10.301, 144.072**.

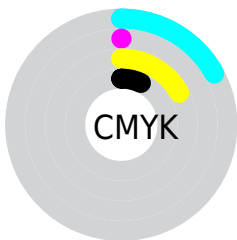
Distribution



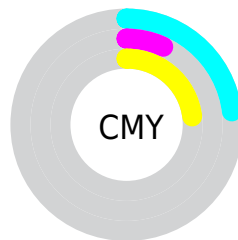
- Red (77%)
- Green (93%)
- Blue (77%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (17%)
- Black (7%)





- Cyan (23%)
- Magenta (7%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 25.395, 143.387 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, 25.395, 143.387 by changing the saturation by 10% instead.


 90, 25.395,
143.387


 90, 25.395,
143.387


 100, 25.395,
143.387


 80, 25.395,
143.387

 70, 25.395,
143.387

 60, 25.395,
143.387


 50, 25.395,
143.387

 40, 25.395,
143.387


 30, 25.395,
143.387


 20, 25.395,


143.387


 10, 25.395,
143.387


 0, 25.395, 143.387

 90, 25.395,
143.387


 90, 25.395,
143.387


 88, 40.470,
142.599

 92, 10.301,
144.072

 87, 55.250,
141.688

 94, 4.620, 324.544

 85, 69.381,
140.658

 96, 11.364,
324.809

 84, 82.419,
139.537

■ 83, 93.822,
138.394

■ 83, 102.980,
137.347

■ 82, 109.316,
136.546

■ 82, 112.587,
136.107

■ 82, 113.244,
136.016

Harmonies

Complementary

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



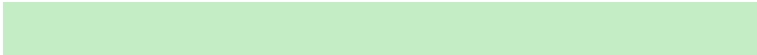
90, 25.395, 143.387



84, 25.419, 325.362

Rectangle

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



90, 25.395, 143.387



90, 25.395, 193.387



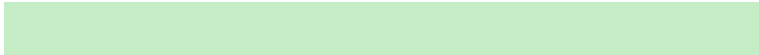
90, 25.395, 323.387



90, 25.395, 13.387

Sweetspot

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



90, 25.397, 143.387



99, 7.923, 144.195



93, 20.493, 108.536



53, 5.409, 144.148



0, 0.000, 0.000



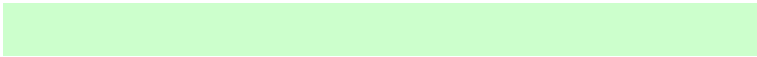
53, 0.007, 296.813

Same Dimension

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



90, 25.397, 143.387



95, 31.960, 143.149



90, 17.622, 162.201



48, 8.445, 143.903



64, 92.619, 136.016



18, 38.236, 138.277

Inverse Universe

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



84, 25.419, 325.362



88, 31.982, 325.539



83, 18.004, 345.101



46, 8.457, 324.943



43, 89.361, 328.234



9, 38.266, 328.234

Previews

White Background



This preview shows how the CIE LCh color 90, 25.395, 143.387 looks on a white background.

Color Contrast Check

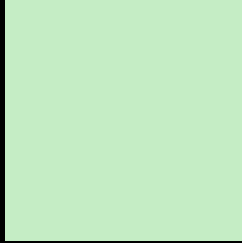
Large Text (above 18pt) WCAG AA × Fail

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, 25.395, 143.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

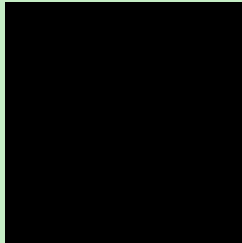
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

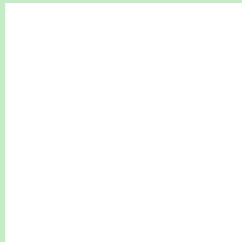
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 25.395, 143.387

Background



This preview shows how black text looks on a background with the CIELCh color 90, 25.395, 143.387.

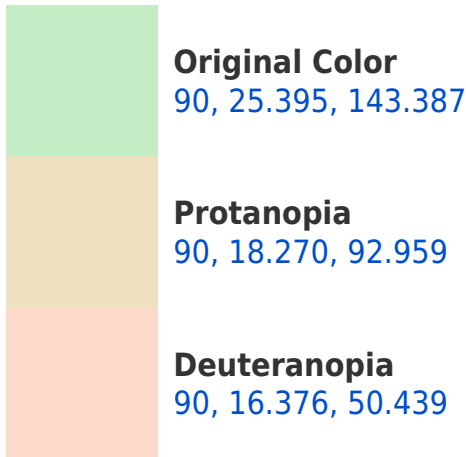


This preview shows how white text looks on a background with the CIELCh color 90, 25.395, 143.387.

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](#).

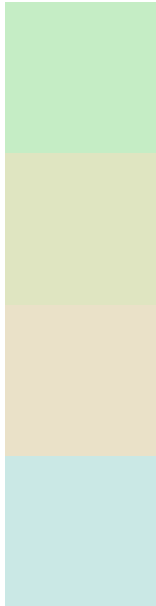
Dichromacy





Tritanopia
90, 12.373, 248.366

Trichromacy



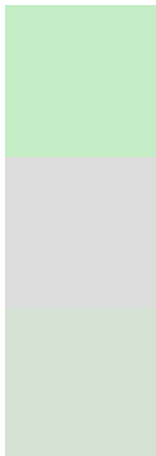
Original Color
90, 25.395, 143.387

Protanomaly
90, 18.730, 115.566

Deuteranomaly
90, 13.366, 94.462

Tritanomaly
90, 10.534, 190.203

Monochromacy



Original Color
90, 25.395, 143.387

Achromatopsia
88, 0.010, 296.813

Achromatomaly
89, 8.911, 144.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 25.395, 143.387 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, 237, 197)` looks like.

```
.text, #text, p{  
    color:rgb(197, 237, 197)  
}
```

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, 237, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 237, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 25.395, 143.387 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, 237, 197) }
```

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

```
.border{ border-color:rgb(197, 237, 197) }
```

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

Here you see how a box with a 4 pixel rgb(197, 237, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 237, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 237, 197);  
box-shadow:4px 4px 4px 4px rgb(197, 237,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 25.395, 143.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 237, 197) }
```

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

```
.background{ background-color: rgb(197,  
237, 197) }
```

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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