

Converting Colors

CIELCh(90, 38.625, 147.515)

Have a look what the booklet for
CIELCh(90, 38.625, 147.515)
contains.

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Color

CIELCh(90, 38.625, 147.515)

Conversions

Conversions Part 1

Format	Color
Hex	AEF3BA
RGB	174, 243, 186
RGB Percent	68%, 95%, 73%
CMY	0.3194, 0.0488, 0.2723
CMYK	0.28, 0.00, 0.23, 0.05
HSL	130°, 73%, 82%
HSV	130°, 28%, 95%
XYZ	58.0890, 76.3034, 57.8798
YIQ	215.8710, -22.8270, -32.3550

Conversions

Conversions Part 2

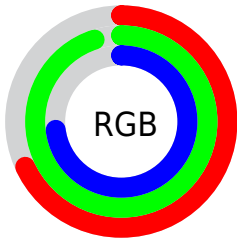
Format	Color
RYB	174, 233, 243
Decimal	11465658
CIELab	90.00, -32.58, 20.74
CIElCh	90, 38.625, 147.515
Yxy	76.3034, 0.3021, 0.3969
Android (android.graphics.Color)	4289655738 (0xFFFAEF3BA)
YUV	215.8710, -14.7264, -36.7209
Hunter-Lab	87.3518, -34.1630, 21.8603

Details

The CIELCh color **90, 38.625, 147.515** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79, 38.753, 331.423**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.752, 160.748**, and **70, 38.097, 147.637** is the 20% darker color. If you saturate the color by 10%, you get **88, 51.950, 146.516**, and if you desaturate by 10%, it is **92, 25.039, 148.377**.

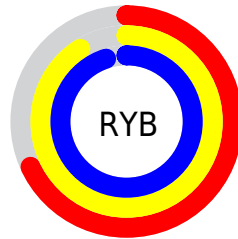
Distribution



Red (68%)

Green (95%)

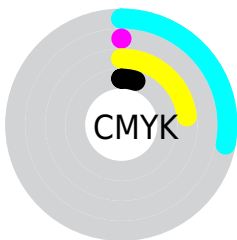
Blue (73%)



Red (68%)

Yellow (91%)

Blue (95%)

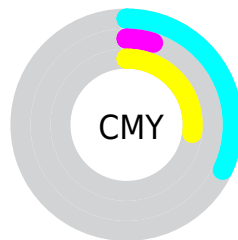


Cyan (28%)

Magenta (0%)

Yellow (23%)

Black (5%)



Cyan (32%)


Magenta (5%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 38.625, 147.515 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, 38.625, 147.515 by changing the saturation by 10% instead.


 90, 38.625,
147.515


 90, 38.625,
147.515


 100, 38.625,
147.515


 80, 38.625,
147.515

 70, 38.625,
147.515

 60, 38.625,
147.515


 50, 38.625,
147.515

 40, 38.625,
147.515


 30, 38.625,
147.515


 20, 38.625,


147.515


 10, 38.625,
147.515

 0, 38.625, 147.515


 90, 38.625,
147.515


 90, 38.625,
147.515

 88, 51.950,
146.516


 92, 25.039,
148.377

 87, 64.741,
145.364

 94, 11.407,
149.129

 86, 76.694,
144.052

 96, 2.100, 329.564

 85, 87.482,
142.593

 97, 7.758, 324.672

■ 85, 96.778,
141.030

■ 84, 104.281,
139.445

■ 84, 109.786,
137.980

■ 84, 110.483,
137.790

Harmonies

Complementary

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



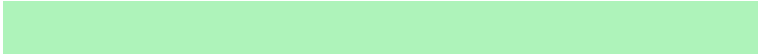
90, 38.625, 147.515



79, 38.753, 331.423

Rectangle

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



90, 38.625, 147.515



90, 38.625, 197.515



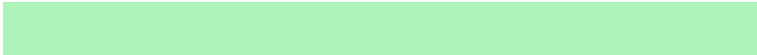
90, 38.625, 327.515



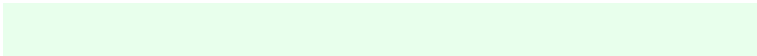
90, 38.625, 17.515

Sweetspot

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



90, 38.627, 147.515



98, 12.670, 149.087



93, 35.299, 114.625



52, 8.813, 148.982



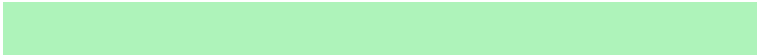
0, 0.000, 0.000



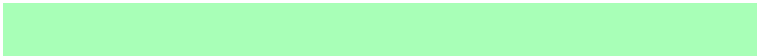
53, 0.007, 296.813

Same Dimension

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



90, 38.627, 147.515



93, 47.987, 146.969



91, 26.501, 170.878



50, 7.743, 149.054



66, 90.050, 138.037



20, 37.578, 140.790

Inverse Universe

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



79, 38.753, 331.423



79, 48.115, 331.798



78, 28.551, 356.772



48, 7.764, 330.193



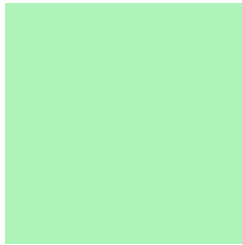
42, 79.651, 336.622



10, 36.042, 335.325

Previews

White Background



This preview shows how the CIE LCh color 90, 38.625, 147.515 looks on a white background.

Color Contrast Check

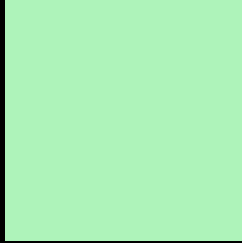
Large Text (above 18pt) WCAG AA × Fail

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, 38.625, 147.515 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, 38.625, 147.515

Background



This preview shows how black text looks on a background with the CIELCh color 90, 38.625, 147.515.

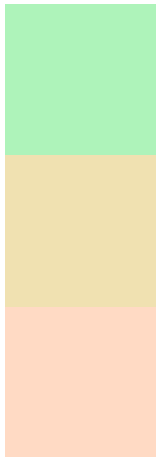


This preview shows how white text looks on a background with the CIELCh color 90, 38.625, 147.515.

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, 38.625, 147.515

Protanopia
90, 25.469, 94.840

Deuteranopia
90, 18.292, 58.422

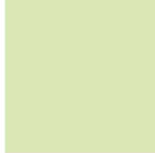


Tritanopia
90, 17.849, 230.350

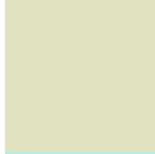
Trichromacy



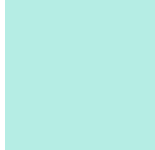
Original Color
90, 38.625, 147.515



Protanomaly
89, 26.881, 120.286



Deuteranomaly
89, 18.107, 111.071

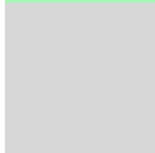


Tritanomaly
90, 19.589, 184.238

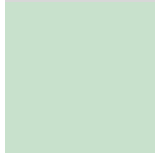
Monochromacy



Original Color
90, 38.625, 147.515



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 14.294, 148.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 38.625, 147.515 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(174, 243, 186)` looks like.

```
.text, #text, p{  
    color:rgb(174, 243, 186)  
}
```

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(174, 243, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 243, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 38.625, 147.515 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(174, 243, 186) }
```

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

```
.border{ border-color:rgb(174, 243, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 243, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 243, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 243, 186); box-shadow:4px 4px 4px 4px rgb(174, 243, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 38.625, 147.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 243, 186) }
```

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

```
.background{ background-color: rgb(174,  
243, 186) }
```

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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