

Converting Colors

CIELCh(90, 37.382, 151.956)

Have a look what the booklet for
CIELCh(90, 37.382, 151.956)
contains.

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Color

CIElCh(90, 37.362, 152.210)

Conversions

Conversions Part 1

Format	Color
Hex	A9F3C0
RGB	169, 243, 192
RGB Percent	66%, 95%, 75%
CMY	0.3374, 0.0472, 0.2472
CMYK	0.30, 0.00, 0.21, 0.05
HSL	139°, 75%, 81%
HSV	139°, 30%, 95%
XYZ	57.8956, 76.3034, 61.5174
YIQ	215.0600, -27.7330, -31.5490

Conversions

Conversions Part 2

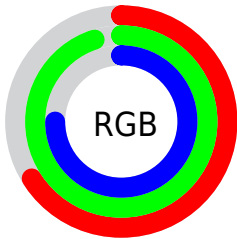
Format	Color
RYB	169, 225, 243
Decimal	11137984
CIELab	90.00, -33.05, 17.42
CIELCh	90, 37.362, 152.210
Yxy	76.3034, 0.2958, 0.3899
Android (android.graphics.Color)	4289328064 (0xFFA9F3C0)
YUV	215.0600, -11.3686, -40.3946
Hunter-Lab	87.3518, -34.5581, 19.3913

Details

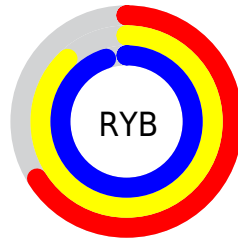
The CIELCh color **90, 37.362, 152.210** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **78, 37.805, 336.983**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.464, 181.752**, and **70, 37.144, 151.965** is the 20% darker color. If you saturate the color by 10%, you get **89, 49.286, 151.114**, and if you desaturate by 10%, it is **92, 25.144, 153.163**.

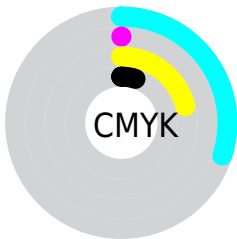
Distribution



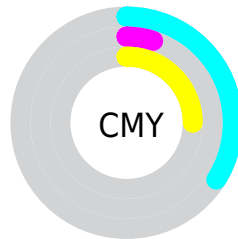
- Red (66%)
- Green (95%)
- Blue (75%)



- Red (66%)
- Yellow (88%)
- Blue (95%)



- Cyan (30%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)





- Cyan (34%)
- Magenta (5%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 37.362, 152.210 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, 37.362, 152.210 by changing the saturation by 10% instead.


 90, 37.362,
152.210


 90, 37.362,
152.210


 100, 37.362,
152.210


 80, 37.362,
152.210

 70, 37.362,
152.210

 60, 37.362,
152.210


 50, 37.362,
152.210

 40, 37.362,
152.210


 30, 37.362,
152.210


 20, 37.362,

152.210


 10, 37.362,
152.210


 0, 37.362, 152.210


 90, 37.362,
152.210


 90, 37.362,
152.210

 89, 49.286,
151.114


 92, 25.144,
153.163

 87, 60.688,
149.852

 94, 12.820,
154.004

 86, 71.330,
148.407

 96, 0.551, 155.414

 85, 80.986,
146.769

 97, 7.505, 324.662

■ 85, 89.465,
144.950

■ 84, 96.645,
142.993

■ 84, 102.305,
141.114

Harmonies

Complementary

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



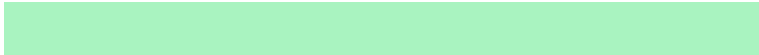
90, 37.362, 152.210



78, 37.805, 336.983

Rectangle

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



90, 37.362, 152.210



90, 37.362, 202.210



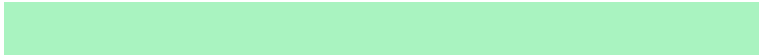
90, 37.362, 332.210



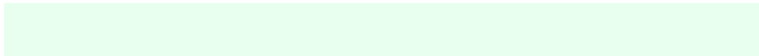
90, 37.362, 22.210

Sweetspot

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



90, 37.364, 152.210



98, 11.465, 154.119



93, 38.518, 120.020



52, 7.973, 154.002



0, 0.000, 0.000



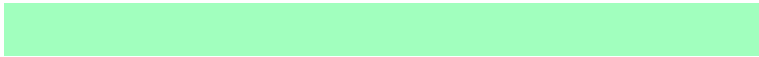
53, 0.007, 296.813

Same Dimension

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



90, 37.364, 152.210



93, 47.015, 151.500



91, 25.887, 180.393



50, 7.006, 154.082



66, 83.093, 141.469



21, 34.340, 144.719

Inverse Universe

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



78, 37.805, 336.983



77, 47.604, 337.546



77, 29.425, 6.696



48, 7.044, 335.353



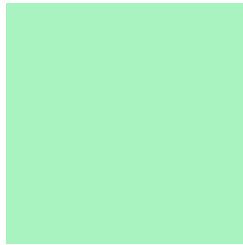
41, 72.367, 345.703



10, 33.046, 342.722

Previews

White Background



This preview shows how the CIELCh color 90, 37.362, 152.210 looks on a white background.

Color Contrast Check

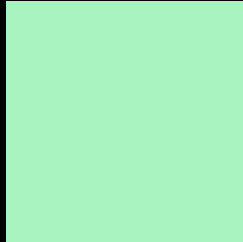
Large Text (above 18pt) WCAG AA × Fail

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, 37.362, 152.210 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

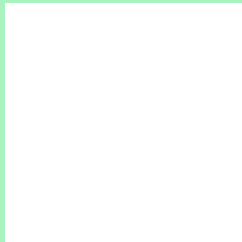
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 37.362, 152.210

Background



This preview shows how black text looks on a background with the CIELCh color 90, 37.362, 152.210.

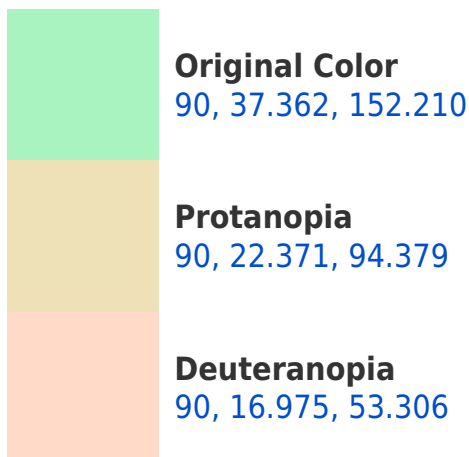



This preview shows how white text looks on a background with the CIELCh color 90, 37.362, 152.210.

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



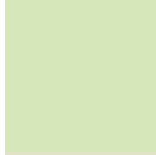


Tritanopia
90, 19.373, 227.496

Trichromacy



Original Color
90, 37.362, 152.210



Protanomaly
90, 24.680, 124.178



Deuteranomaly
89, 15.563, 113.031

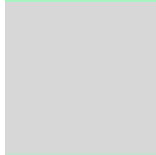


Tritanomaly
90, 20.769, 187.903

Monochromacy



Original Color
90, 37.362, 152.210



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 13.600, 154.807

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 37.362, 152.210 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(169, 243, 192)` looks like.

```
.text, #text, p{  
    color:rgb(169, 243, 192)  
}
```

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(169, 243, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 243, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 37.362, 152.210 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(169, 243, 192) }
```

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

```
.border{ border-color:rgb(169, 243, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 243, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 243, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 243, 192);  
box-shadow:4px 4px 4px 4px rgb(169, 243,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 37.362, 152.210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 243, 192) }
```

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

```
.background{ background-color: rgb(169,  
243, 192) }
```

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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