

Converting Colors

CIELCh(90, 35.315, 166.087)

Have a look what the booklet for
CIELCh(90, 35.315, 166.087)
contains.

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Color

CIELCh(90, 35.296, 166.105)

Conversions

Conversions Part 1

Format	Color
Hex	9BF4D1
RGB	155, 244, 209
RGB Percent	61%, 96%, 82%
CMY	0.3920, 0.0430, 0.1802
CMYK	0.36, 0.00, 0.14, 0.04
HSL	156°, 80%, 78%
HSV	156°, 36%, 96%
XYZ	57.4011, 76.3034, 72.0496
YIQ	213.3990, -41.8090, -29.7530

Conversions

Conversions Part 2

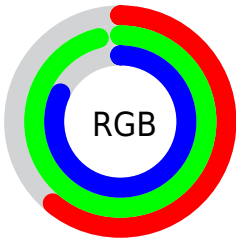
Format	Color
RYB	155, 210, 244
Decimal	10220753
CIELab	90.00, -34.26, 8.48
CIELCh	90, 35.296, 166.105
Yxy	76.3034, 0.2790, 0.3708
Android (android.graphics.Color)	4288410833 (0xFF9BF4D1)
YUV	213.3990, -2.1687, -51.2159
Hunter-Lab	87.3518, -35.5688, 12.2426

Details

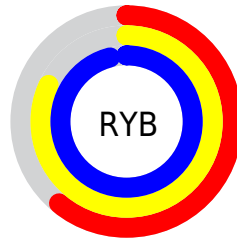
The CIELCh color **90, 35.296, 166.105** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **74, 38.035, 353.867**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 14.367, 198.548**, and **70, 34.867, 166.495** is the 20% darker color. If you saturate the color by 10%, you get **89, 44.105, 164.809**, and if you desaturate by 10%, it is **91, 25.973, 167.268**.

Distribution



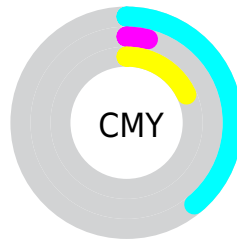
- Red (61%)
- Green (96%)
- Blue (82%)



- Red (61%)
- Yellow (82%)
- Blue (96%)



- Cyan (36%)
- Magenta (0%)
- Yellow (14%)
- Black (4%)





- Cyan (39%)
- Magenta (4%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 35.296, 166.105 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, 35.296, 166.105 by changing the saturation by 10% instead.


 90, 35.296,
166.105


 90, 35.296,
166.105


 100, 35.296,
166.105


 80, 35.296,
166.105


 70, 35.296,
166.105

 60, 35.296,
166.105


 50, 35.296,
166.105

 40, 35.296,
166.105


 30, 35.296,
166.105


 20, 35.296,

166.105


 10, 35.296,
166.105


 0, 35.296, 166.105


 90, 35.296,
166.105


 90, 35.296,
166.105

 89, 44.105,
164.809


 91, 25.973,
167.268

 88, 52.227,
163.357

 93, 16.298,
168.327

 87, 59.514,
161.722

 95, 6.425, 169.332

 86, 65.863,
159.882

 97, 3.516, 349.984

 97, 6.823, 324.634

■ 86, 71.242,
157.826

■ 86, 75.720,
155.570

■ 85, 77.177,
154.767

Harmonies

Complementary

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



90, 35.296, 166.105



74, 38.035, 353.867

Rectangle

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



90, 35.296, 166.105



90, 35.296, 216.105



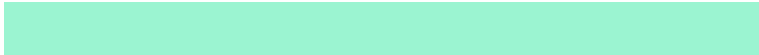
90, 35.296, 346.105



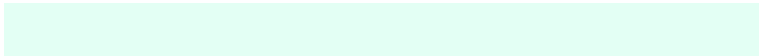
90, 35.296, 36.105

Sweetspot

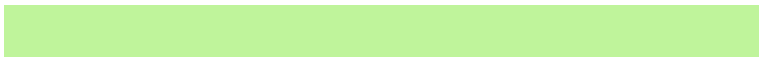
The Sweet Spot groups the original color and five complimentary colors.



90, 35.297, 166.104



98, 11.308, 168.873



91, 49.535, 130.777



52, 7.594, 168.738



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, 35.297, 166.104



93, 43.498, 165.129



88, 25.296, 208.505



50, 5.655, 169.026



67, 62.496, 155.188



21, 26.105, 158.717

Inverse Universe

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



74, 38.035, 353.867



73, 47.553, 355.048



75, 33.117, 30.388



48, 5.767, 350.650



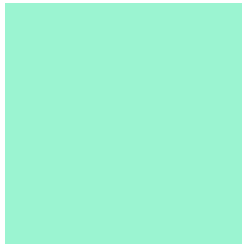
39, 67.036, 12.352



9, 29.651, 4.526

Previews

White Background



This preview shows how the CIE LCh color 90, 35.296, 166.105 looks on a white background.

Color Contrast Check

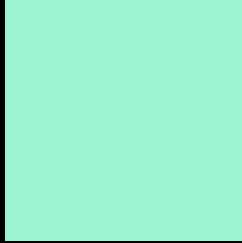
Large Text (above 18pt) WCAG AA × Fail

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, 35.296, 166.105 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

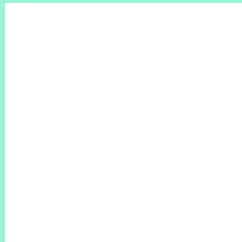
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 35.296, 166.105

Background



This preview shows how black text looks on a background with the CIELCh color 90, 35.296, 166.105.

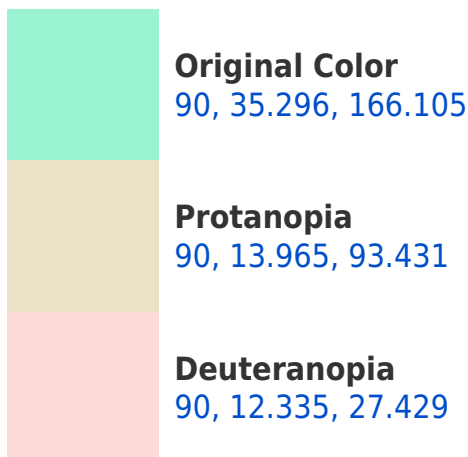


This preview shows how white text looks on a background with the CIELCh color 90, 35.296, 166.105.

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



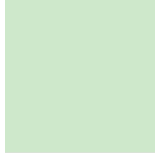


Tritanopia
90, 22.916, 222.454

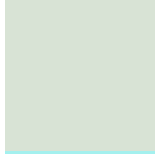
Trichromacy



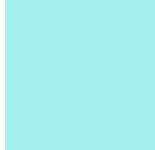
Original Color
90, 35.296, 166.105



Protanomaly
89, 17.839, 140.970



Deuteranomaly
89, 8.322, 138.134

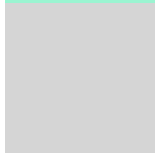


Tritanomaly
90, 24.535, 195.378

Monochromacy



Original Color
90, 35.296, 166.105



Achromatopsia
85, 0.010, 296.813



Achromatomaly
87, 13.038, 169.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 35.296, 166.105 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(155, 244, 209)` looks like.

```
.text, #text, p{  
    color:rgb(155, 244, 209)  
}
```

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(155, 244, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 244, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 35.296, 166.105 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(155, 244, 209) }
```

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

```
.border{ border-color:rgb(155, 244, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 244, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 244, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 244, 209);  
box-shadow:4px 4px 4px 4px rgb(155, 244,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 35.296, 166.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 244, 209) }
```

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

```
.background{ background-color: rgb(155,  
244, 209) }
```

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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