

Converting Colors

CIELCh(92, 39.904, 153.298)

Have a look what the booklet for
CIELCh(92, 39.904, 153.298)
contains.

CIELCh(92, 40.164, 153.189)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(92, 40.164, 153.189)

Conversions

Conversions Part 1

Format	Color
Hex	A8FAC4
RGB	168, 250, 196
RGB Percent	66%, 98%, 77%
CMY	0.3411, 0.0195, 0.2313
CMYK	0.33, 0.00, 0.22, 0.02
HSL	140°, 89%, 82%
HSV	140°, 33%, 98%
XYZ	60.3165, 80.7044, 64.6403
YIQ	219.3260, -31.5380, -34.1780

Conversions

Conversions Part 2

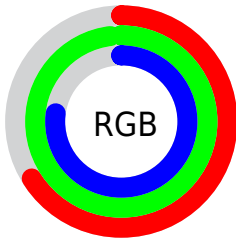
Format	Color
RYB	168, 229, 250
Decimal	11074244
CIELab	92.00, -35.85, 18.12
CIELCh	92, 40.164, 153.189
Yxy	80.7044, 0.2933, 0.3924
Android (android.graphics.Color)	4289264324 (0xFFA8FAC4)
YUV	219.3260, -11.4997, -45.0129
Hunter-Lab	89.8356, -37.3657, 20.2235

Details

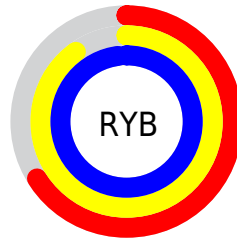
The CIELCh color **92, 40.164, 153.189** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **78, 40.785, 338.568**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.280, 193.101**, and **72, 40.192, 153.146** is the 20% darker color. If you saturate the color by 10%, you get **91, 51.957, 152.037**, and if you desaturate by 10%, it is **94, 28.016, 154.192**.

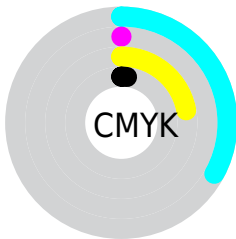
Distribution



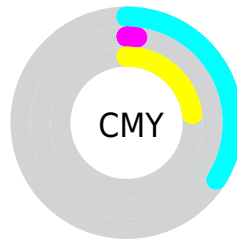
- Red (66%)
- Green (98%)
- Blue (77%)



- Red (66%)
- Yellow (90%)
- Blue (98%)



- Cyan (33%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)





- Cyan (34%)
- Magenta (2%)
- Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 40.164, 153.189 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 92, 40.164, 153.189 by changing the saturation by 10% instead.

 92, 40.164,
153.189


 92, 40.164,
153.189


 100, 40.164,
153.189


 82, 40.164,
153.189

 72, 40.164,
153.189

 62, 40.164,
153.189

 52, 40.164,
153.189

 42, 40.164,
153.189

 32, 40.164,
153.189

 22, 40.164,

153.189

■ 12, 40.164,
153.189

■ 2, 40.164, 153.189

■ 92, 40.164,
153.189

■ 92, 40.164,
153.189

■ 91, 51.957,
152.037

■ 94, 28.016,
154.192

■ 89, 63.164,
150.715

■ 96, 15.709,
155.075

■ 88, 73.557,
149.201

■ 98, 3.411, 155.936

■ 88, 82.924,
147.489

■ 99, 3.092, 324.450

■ 87, 91.107,
145.589

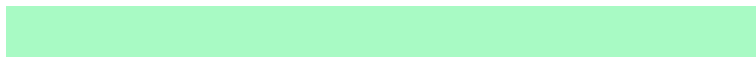
■ 87, 98.026,
143.546

■ 87, 102.288,
142.070

Harmonies

Complementary

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



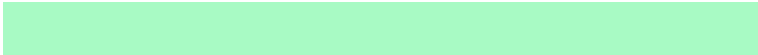
92, 40.164, 153.189



78, 40.785, 338.568

Rectangle

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



92, 40.164, 153.189



92, 40.164, 203.189



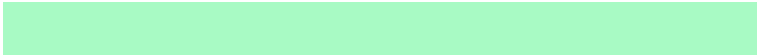
92, 40.164, 333.189



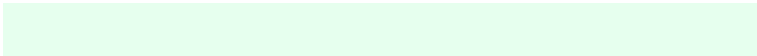
92, 40.164, 23.189

Sweetspot

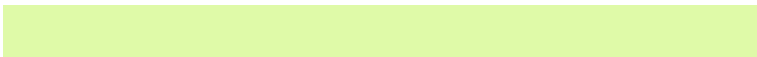
The Sweet Spot groups the original color and five complimentary colors.



92, 40.166, 153.189



98, 12.459, 155.306



95, 42.648, 121.220



52, 8.505, 155.190



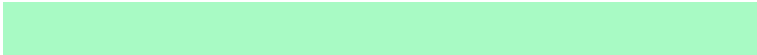
0, 0.000, 0.000



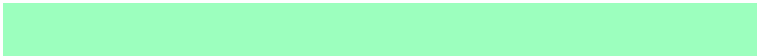
53, 0.007, 296.813

Same Dimension

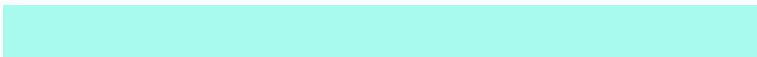
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 40.166, 153.189



93, 48.298, 152.489



93, 27.800, 182.858



51, 6.965, 155.348



67, 82.074, 142.453



22, 34.612, 145.620

Inverse Universe

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



78, 40.785, 338.568



76, 49.088, 339.141



77, 32.423, 9.585



49, 7.009, 336.658



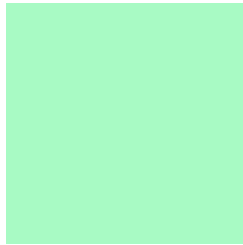
42, 71.771, 348.093



10, 33.328, 344.802

Previews

White Background



This preview shows how the CIE LCh color 92, 40.164, 153.189 looks on a white background.

Color Contrast Check

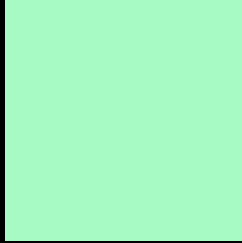
Large Text (above 18pt) WCAG AA × Fail

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 92, 40.164, 153.189 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 92, 40.164, 153.189

Background



This preview shows how black text looks on a background with the CIELCh color 92, 40.164, 153.189.

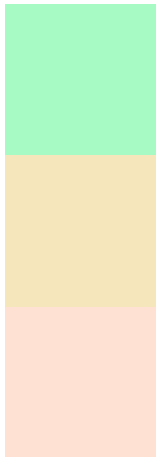


This preview shows how white text looks on a background with the CIELCh color 92, 40.164, 153.189.

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


92, 40.164, 153.189

Protanopia

92, 23.257, 94.936

Deuteranopia

92, 13.376, 52.536

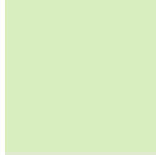


Tritanopia
92, 16.856, 228.173

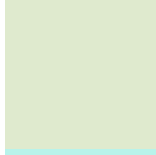
Trichromacy



Original Color
92, 40.164, 153.189



Protanomaly
92, 25.881, 125.883



Deuteranomaly
91, 15.011, 124.648

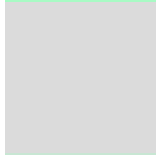


Tritanomaly
92, 20.426, 184.845

Monochromacy



Original Color
92, 40.164, 153.189



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 14.684, 156.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 92, 40.164, 153.189 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(168, 250, 196)` looks like.

```
.text, #text, p{  
    color:rgb(168, 250, 196)  
}
```

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(168, 250, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 250, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 92, 40.164, 153.189 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(168, 250, 196) }
```

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

```
.border{ border-color:rgb(168, 250, 196) }
```

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

Here you see how a box with a 4 pixel rgb(168, 250, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 250, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 250, 196);  
box-shadow:4px 4px 4px 4px rgb(168, 250,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 92, 40.164, 153.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 250, 196) }
```

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

```
.background{ background-color: rgb(168,  
250, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor