

Converting Colors

CIELCh(91, 32.236, 167.708)

Have a look what the booklet for
CIELCh(91, 32.236, 167.708)
contains.

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Color

CIELCh(91, 32.502, 167.659)

Conversions

Conversions Part 1

Format	Color
Hex	A3F6D7
RGB	163, 246, 215
RGB Percent	64%, 96%, 84%
CMY	0.3614, 0.0359, 0.1575
CMYK	0.34, 0.00, 0.13, 0.04
HSL	158°, 82%, 80%
HSV	158°, 34%, 96%
XYZ	60.2260, 78.4833, 76.1606
YIQ	217.6490, -39.5170, -27.2370

Conversions

Conversions Part 2

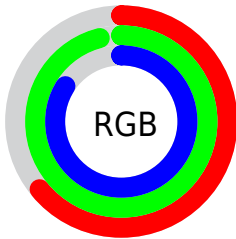
Format	Color
R_{YB}	163, 214, 246
Decimal	10745559
CIE _{Lab}	91.00, -31.75, 6.95
CIE _{LCh}	91, 32.502, 167.659
Yxy	78.4833, 0.2803, 0.3653
Android (android.graphics.Color)	4288935639 (0xFFA3F6D7)
YUV	217.6490, -1.3060, -47.9272
Hunter-Lab	88.5908, -33.6856, 11.0426

Details

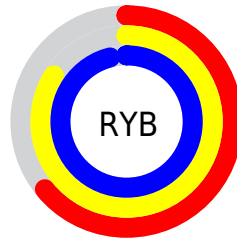
The CIELCh color **91, 32.502, 167.659** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **76, 35.052, 354.794**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.803, 198.717**, and **71, 32.399, 167.597** is the 20% darker color. If you saturate the color by 10%, you get **90, 41.339, 166.402**, and if you desaturate by 10%, it is **92, 23.180, 168.793**.

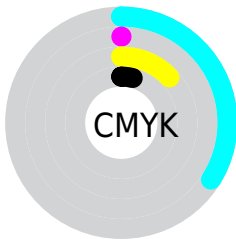
Distribution



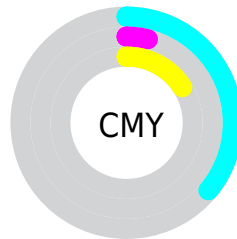
- Red (64%)
- Green (96%)
- Blue (84%)



- Red (64%)
- Yellow (84%)
- Blue (96%)



- Cyan (34%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)





- Cyan (36%)
- Magenta (4%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 32.502, 167.659 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 91, 32.502, 167.659 by changing the saturation by 10% instead.


 91, 32.502,
167.659


 91, 32.502,
167.659


 100, 32.502,
167.659


 81, 32.502,
167.659


 71, 32.502,
167.659

 61, 32.502,
167.659

 51, 32.502,
167.659

 41, 32.502,
167.659

 31, 32.502,
167.659

 21, 32.502,

167.659

■ 11, 32.502,
167.659

■ 1, 32.502, 167.659

■ 91, 32.502,
167.659

■ 91, 32.502,
167.659

■ 90, 41.339,
166.402

■ 92, 23.180,
168.793

■ 89, 49.518,
165.000

■ 94, 13.532,
169.835

■ 88, 56.886,
163.426

■ 96, 3.707, 170.880

■ 87, 63.327,
161.655

■ 98, 4.375, 337.609

■ 98, 5.700, 324.586

■ 87, 68.792,
159.671

■ 86, 73.323,
157.478

■ 86, 75.804,
156.054

Harmonies

Complementary

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



91, 32.502, 167.659



76, 35.052, 354.794

Rectangle

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



91, 32.502, 167.659



91, 32.502, 217.659



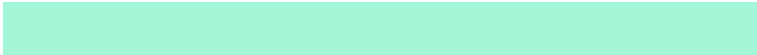
91, 32.502, 347.659



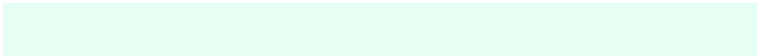
91, 32.502, 37.659

Sweetspot

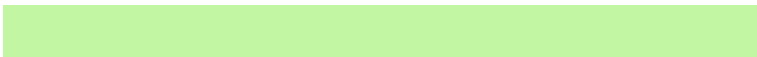
The Sweet Spot groups the original color and five complimentary colors.



91, 32.503, 167.657



98, 10.148, 170.211



92, 46.411, 131.460



52, 6.920, 170.069



0, 0.000, 0.000



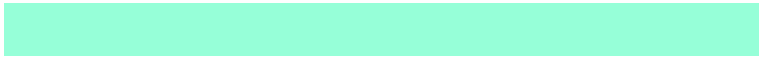
53, 0.007, 296.813

Same Dimension

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



91, 32.503, 167.657



93, 40.124, 166.752



89, 23.519, 210.452



50, 5.581, 170.264



67, 61.048, 156.483



21, 25.557, 159.981

Inverse Universe

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



76, 35.052, 354.794



74, 43.969, 355.899



77, 30.105, 31.582



48, 5.701, 351.903



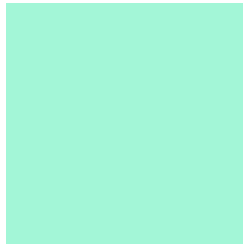
39, 67.344, 14.264



9, 29.622, 6.071

Previews

White Background



This preview shows how the CIELCh color 91, 32.502, 167.659 looks on a white background.

Color Contrast Check

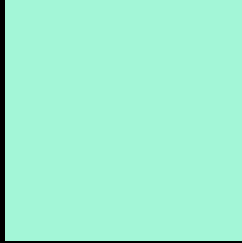
Large Text (above 18pt) WCAG AA × Fail

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 91, 32.502, 167.659 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

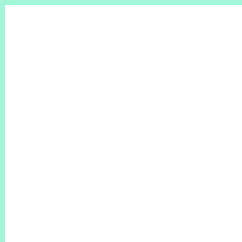
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 32.502, 167.659

Background



This preview shows how black text looks on a background with the CIELCh color 91, 32.502, 167.659.

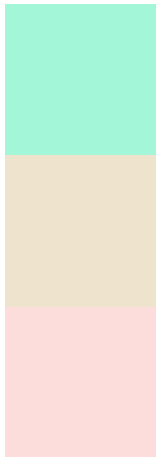


This preview shows how white text looks on a background with the CIELCh color 91, 32.502, 167.659.

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
91, 32.502, 167.659

Protanopia
91, 12.078, 89.359

Deuteranopia
91, 11.792, 22.694

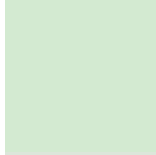


Tritanopia
91, 19.936, 224.797

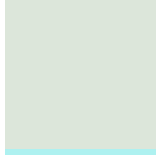
Trichromacy



Original Color
91, 32.502, 167.659



Protanomaly
90, 15.454, 141.716



Deuteranomaly
90, 7.213, 139.589

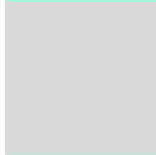


Tritanomaly
91, 21.869, 196.637

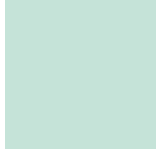
Monochromacy



Original Color
91, 32.502, 167.659



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 12.131, 170.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 32.502, 167.659 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(163, 246, 215)` looks like.

```
.text, #text, p{  
    color:rgb(163, 246, 215)  
}
```

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(163, 246, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 246, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 32.502, 167.659 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(163, 246, 215) }
```

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

```
.border{ border-color:rgb(163, 246, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 246, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 246, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 246, 215);  
box-shadow:4px 4px 4px 4px rgb(163, 246,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 32.502, 167.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 246, 215) }
```

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

```
.background{ background-color: rgb(163,  
246, 215) }
```

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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