

Converting Colors

CIELCh(90, 25.021, 172.265)

Have a look what the booklet for
CIELCh(90, 25.021, 172.265)
contains.

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Color

CIELCh(90, 25.168, 172.005)

Conversions

Conversions Part 1

Format	Color
Hex	AEF0DB
RGB	174, 240, 219
RGB Percent	68%, 94%, 86%
CMY	0.3183, 0.0595, 0.1418
CMYK	0.28, 0.00, 0.09, 0.06
HSL	161°, 69%, 81%
HSV	161°, 28%, 94%
XYZ	61.2913, 76.3034, 78.3982
YIQ	217.8720, -32.5950, -20.5230

Conversions

Conversions Part 2

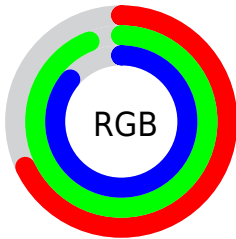
Format	Color
RYB	174, 213, 240
Decimal	11464923
CIELab	90.00, -24.92, 3.50
CIElCh	90, 25.168, 172.005
Yxy	76.3034, 0.2838, 0.3533
Android (android.graphics.Color)	4289655003 (0xFFAEF0DB)
YUV	217.8720, 0.5561, -38.4757
Hunter-Lab	87.3518, -27.6193, 7.9335

Details

The CIELCh color **90, 25.168, 172.005** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78, 27.163, 357.689**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.189, 198.968**, and **70, 25.247, 171.626** is the 20% darker color. If you saturate the color by 10%, you get **89, 33.690, 170.839**, and if you desaturate by 10%, it is **92, 16.229, 173.074**.

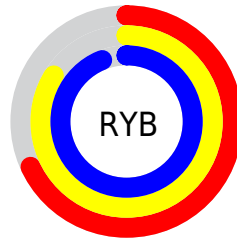
Distribution



Red (68%)

Green (94%)

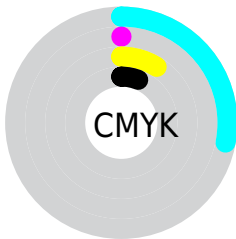
Blue (86%)



Red (68%)

Yellow (84%)

Blue (94%)

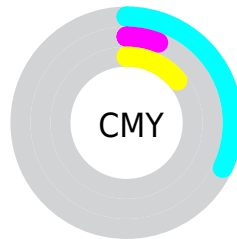


Cyan (28%)

Magenta (0%)

Yellow (9%)

Black (6%)



Cyan (32%)


Magenta (6%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 25.168, 172.005 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, 25.168, 172.005 by changing the saturation by 10% instead.


 90, 25.168,
172.005


 90, 25.168,
172.005


 100, 25.168,
172.005


 80, 25.168,
172.005

 70, 25.168,
172.005

 60, 25.168,
172.005


 50, 25.168,
172.005

 40, 25.168,
172.005


 30, 25.168,
172.005


 20, 25.168,


172.005


 10, 25.168,
172.005


 0, 25.168, 172.005

 90, 25.168,
172.005


 90, 25.168,
172.005

 89, 33.690,
170.839


 92, 16.229,
173.074

 87, 41.633,
169.558

 93, 7.018, 174.096

 87, 48.842,
168.135

 95, 2.334, 354.698

 86, 55.187,
166.543

 96, 7.273, 337.728

 96, 9.456, 324.738

■ 85, 60.585,
164.759

■ 85, 65.027,
162.769

■ 84, 68.612,
160.587

■ 84, 69.440,
160.045

Harmonies

Complementary

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



90, 25.168, 172.005



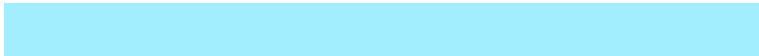
78, 27.163, 357.689

Rectangle

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



90, 25.168, 172.005



90, 25.168, 222.005



90, 25.168, 352.005



90, 25.168, 42.005

Sweetspot

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



90, 25.169, 172.003



98, 7.847, 174.043



90, 37.691, 133.387



52, 5.572, 173.888



0, 0.000, 0.000



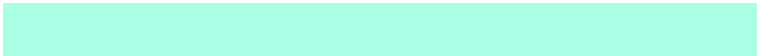
53, 0.007, 296.813

Same Dimension

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



90, 25.169, 172.003



94, 31.421, 171.365



88, 18.612, 216.418



49, 5.296, 173.894



66, 56.455, 160.452



20, 23.309, 163.998

Inverse Universe

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



78, 27.163, 357.689



79, 34.469, 358.476



80, 22.583, 35.874



47, 5.435, 355.556



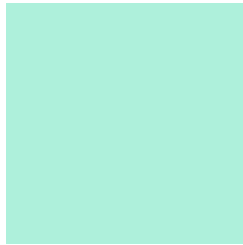
39, 67.940, 19.422



8, 28.763, 9.171

Previews

White Background



This preview shows how the CIE LCh color 90, 25.168, 172.005 looks on a white background.

Color Contrast Check

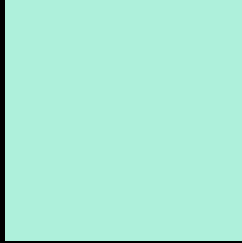
Large Text (above 18pt) WCAG AA × Fail

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, 25.168, 172.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

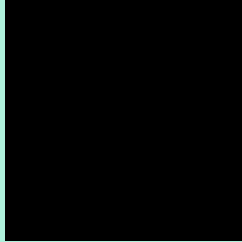
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

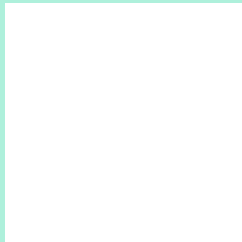
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 25.168, 172.005

Background



This preview shows how black text looks on a background with the CIELCh color 90, 25.168, 172.005.

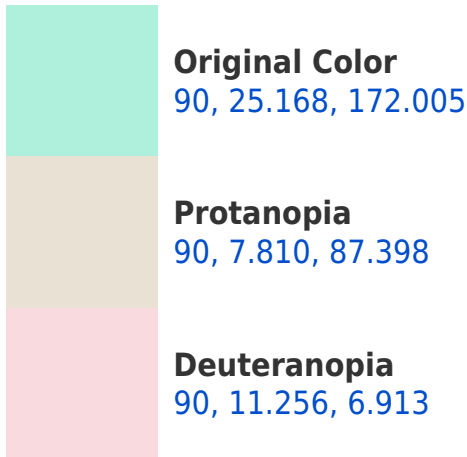


This preview shows how white text looks on a background with the CIELCh color 90, 25.168, 172.005.

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



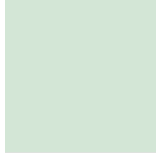


Tritanopia
90, 19.577, 228.933

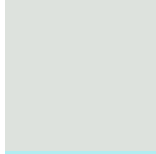
Trichromacy



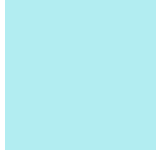
Original Color
90, 25.168, 172.005



Protanomaly
90, 10.815, 148.611

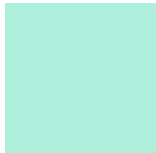


Deuteranomaly
89, 3.166, 144.408

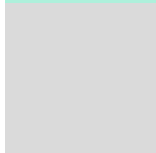


Tritanomaly
90, 19.353, 204.394

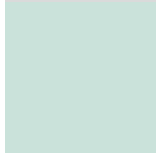
Monochromacy



Original Color
90, 25.168, 172.005



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 9.519, 172.763

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 25.168, 172.005 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, 240, 219)` looks like.

```
.text, #text, p{  
    color:rgb(174, 240, 219)  
}
```

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, 240, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 240, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 25.168, 172.005 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, 240, 219) }
```

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

```
.border{ border-color:rgb(174, 240, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 240, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 240, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 240, 219);  
box-shadow:4px 4px 4px 4px rgb(174, 240,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 25.168, 172.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 240, 219) }
```

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

```
.background{ background-color: rgb(174,  
240, 219) }
```

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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