

Converting Colors

CIELCh(90, 28.107, 163.919)

Have a look what the booklet for
CIELCh(90, 28.107, 163.919)
contains.

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Color

CIElCh(90, 28.107, 163.919)

Conversions

Conversions Part 1

Format	Color
Hex	AEF1D3
RGB	174, 241, 211
RGB Percent	68%, 95%, 83%
CMY	0.3192, 0.0565, 0.1741
CMYK	0.28, 0.00, 0.12, 0.06
HSL	153°, 70%, 81%
HSV	153°, 28%, 94%
XYZ	60.4086, 76.3034, 72.9095
YIQ	217.5470, -30.3020, -23.5340

Conversions

Conversions Part 2

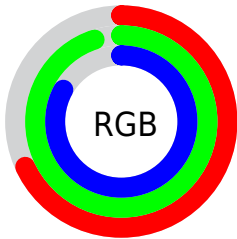
Format	Color
RYB	174, 217, 241
Decimal	11465171
CIELab	90.00, -27.01, 7.79
CIELCh	90, 28.107, 163.919
Yxy	76.3034, 0.2882, 0.3640
Android (android.graphics.Color)	4289655251 (0xFFFAEF1D3)
YUV	217.5470, -3.2277, -38.1907
Hunter-Lab	87.3518, -29.4231, 11.6590

Details

The CIELCh color **90, 28.107, 163.919** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78, 29.393, 349.296**, 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, 28.404, 163.234** is the 20% darker color. If you saturate the color by 10%, you get **89, 37.750, 162.748**, and if you desaturate by 10%, it is **92, 18.136, 164.971**.

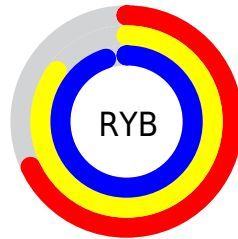
Distribution



Red (68%)

Green (95%)

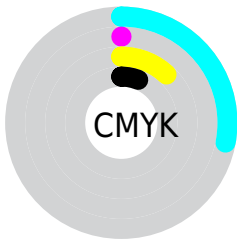
Blue (83%)



Red (68%)

Yellow (85%)

Blue (95%)

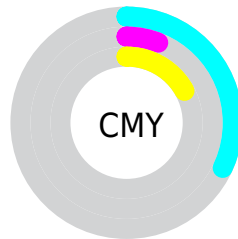


Cyan (28%)

Magenta (0%)

Yellow (12%)

Black (6%)



Cyan (32%)


Magenta (6%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 28.107, 163.919 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, 28.107, 163.919 by changing the saturation by 10% instead.


 90, 28.107,
163.919


 90, 28.107,
163.919


 100, 28.107,
163.919


 80, 28.107,
163.919

 70, 28.107,
163.919

 60, 28.107,
163.919

 50, 28.107,
163.919

 40, 28.107,
163.919

 30, 28.107,
163.919

 20, 28.107,

163.919

■ 10, 28.107,
163.919

■ 0, 28.107, 163.919

■ 90, 28.107,
163.919

■ 90, 28.107,
163.919

■ 89, 37.750,
162.748

■ 92, 18.136,
164.971

■ 87, 46.889,
161.436

■ 93, 7.988, 165.948

■ 86, 55.351,
159.954

■ 95, 2.204, 346.524

■ 96, 8.436, 327.289

■ 86, 62.984,
158.279

■ 96, 8.980, 324.720

■ 85, 69.681,
156.391

■ 84, 75.410,
154.286

■ 84, 80.258,
152.000

■ 84, 81.246,
151.513

Harmonies

Complementary

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



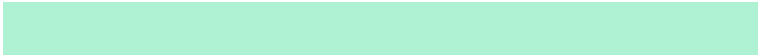
90, 28.107, 163.919



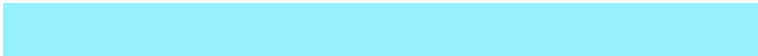
78, 29.393, 349.296

Rectangle

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



90, 28.107, 163.919



90, 28.107, 213.919



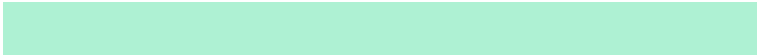
90, 28.107, 343.919



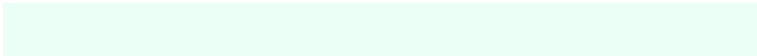
90, 28.107, 33.919

Sweetspot

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



90, 28.109, 163.917



98, 8.542, 165.930



91, 36.999, 129.522



52, 6.070, 165.784



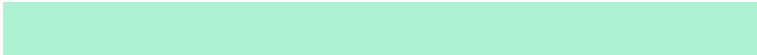
0, 0.000, 0.000



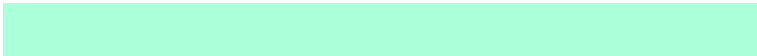
53, 0.007, 296.813

Same Dimension

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



90, 28.109, 163.917



94, 34.728, 163.319



90, 20.719, 202.947



49, 5.770, 165.789



66, 65.783, 151.942



20, 26.746, 155.712

Inverse Universe

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



78, 29.393, 349.296



79, 36.613, 349.938



78, 25.184, 25.510



47, 5.862, 347.355



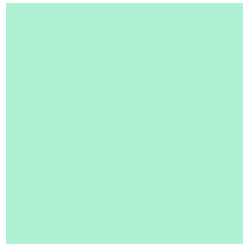
39, 65.964, 7.007



8, 29.047, 359.679

Previews

White Background



This preview shows how the CIE LCh color 90, 28.107, 163.919 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, 28.107, 163.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

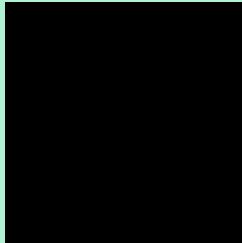
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

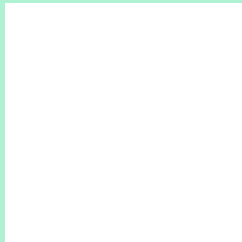
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 28.107, 163.919

Background



This preview shows how black text looks on a background with the CIELCh color 90, 28.107, 163.919.

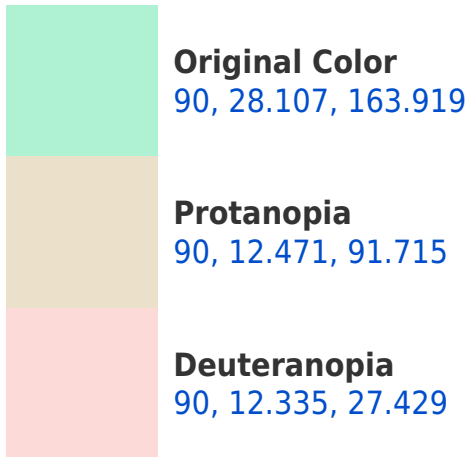


This preview shows how white text looks on a background with the CIELCh color 90, 28.107, 163.919.

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



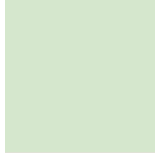


Tritanopia
90, 19.083, 229.862

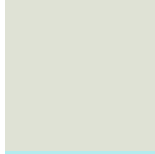
Trichromacy



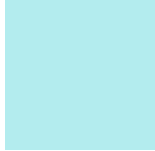
Original Color
90, 28.107, 163.919



Protanomaly
90, 15.033, 135.014



Deuteranomaly
89, 6.834, 118.812

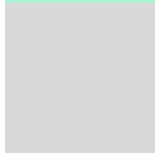


Tritanomaly
90, 18.793, 201.397

Monochromacy



Original Color
90, 28.107, 163.919



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 10.650, 166.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 28.107, 163.919 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, 241, 211)` looks like.

```
.text, #text, p{  
    color:rgb(174, 241, 211)  
}
```

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, 241, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 241, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 28.107, 163.919 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, 241, 211) }
```

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

```
.border{ border-color:rgb(174, 241, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 241, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 241, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 241, 211);  
box-shadow:4px 4px 4px 4px rgb(174, 241,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 28.107, 163.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 241, 211) }
```

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

```
.background{ background-color: rgb(174,  
241, 211) }
```

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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