

Converting Colors

CIELCh(90, 26.600, 155.955)

Have a look what the booklet for
CIELCh(90, 26.600, 155.955)
contains.

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Color

CIELCh(90, 26.434, 155.903)

Conversions

Conversions Part 1

Format	Color
Hex	B8EFCF
RGB	184, 239, 205
RGB Percent	72%, 94%, 80%
CMY	0.2786, 0.0629, 0.1962
CMYK	0.23, 0.00, 0.14, 0.06
HSL	143°, 63%, 83%
HSV	143°, 23%, 94%
XYZ	61.6294, 76.3034, 69.2147
YIQ	218.6790, -21.8660, -22.2340

Conversions

Conversions Part 2

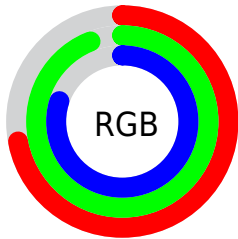
Format	Color
RYB	184, 224, 239
Decimal	12120013
CIELab	90.00, -24.13, 10.79
CIELCh	90, 26.434, 155.903
Yxy	76.3034, 0.2975, 0.3684
Android (android.graphics.Color)	4290310093 (0xFFB8EFCF)
YUV	218.6790, -6.7437, -30.4135
Hunter-Lab	87.3518, -26.9283, 14.1668

Details

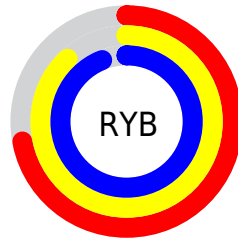
The CIELCh color **90, 26.434, 155.903** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **81, 26.844, 339.593**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 4.823, 199.237**, and **70, 26.435, 155.996** is the 20% darker color. If you saturate the color by 10%, you get **88, 37.760, 154.877**, and if you desaturate by 10%, it is **92, 14.945, 156.810**.

Distribution



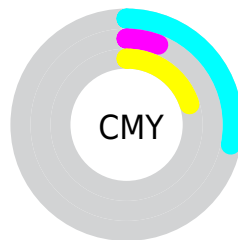
- Red (72%)
- Green (94%)
- Blue (80%)



- Red (72%)
- Yellow (88%)
- Blue (94%)



- Cyan (23%)
- Magenta (0%)
- Yellow (14%)
- Black (6%)





- Cyan (28%)
- Magenta (6%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 26.434, 155.903 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, 26.434, 155.903 by changing the saturation by 10% instead.


 90, 26.434,
155.903


 90, 26.434,
155.903


 100, 26.434,
155.903


 80, 26.434,
155.903

 70, 26.434,
155.903

 60, 26.434,
155.903

 50, 26.434,
155.903

 40, 26.434,
155.903

 30, 26.434,
155.903

 20, 26.434,

155.903

■ 10, 26.434,
155.903

■ 0, 26.434, 155.903

■ 90, 26.434,
155.903

■ 90, 26.434,
155.903

■ 88, 37.760,
154.877

■ 92, 14.945,
156.810

■ 87, 48.731,
153.706

■ 94, 3.444, 157.693

■ 86, 59.145,
152.364

■ 96, 7.775, 337.063

■ 96, 9.996, 324.758

■ 85, 68.793,
150.831

■ 84, 77.492,
149.093

■ 84, 85.113,
147.156

■ 83, 91.607,
145.055

■ 83, 95.557,
143.568

Harmonies

Complementary

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



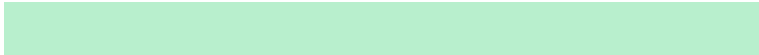
90, 26.434, 155.903



81, 26.844, 339.593

Rectangle

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



90, 26.434, 155.903



90, 26.434, 205.903



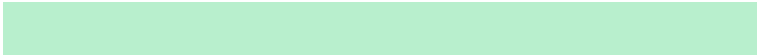
90, 26.434, 335.903



90, 26.434, 25.903

Sweetspot

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



90, 26.436, 155.902



98, 8.452, 157.319



92, 29.177, 123.067



52, 5.493, 157.267



0, 0.000, 0.000



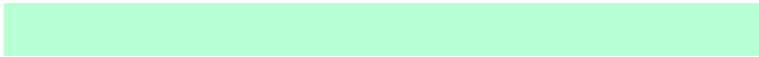
53, 0.007, 296.813

Same Dimension

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



90, 26.436, 155.902



94, 33.845, 155.398



91, 18.994, 186.557



49, 6.533, 157.111



65, 77.748, 143.956



20, 31.372, 147.589

Inverse Universe

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



81, 26.844, 339.593



82, 34.462, 340.046



80, 21.294, 10.757



47, 6.582, 338.464



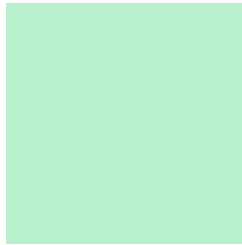
40, 68.867, 351.333



9, 30.937, 347.050

Previews

White Background



This preview shows how the CIELCh color 90, 26.434, 155.903 looks on a white background.

Color Contrast Check

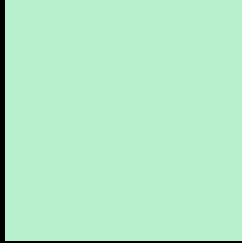
Large Text (above 18pt) WCAG AA × Fail

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, 26.434, 155.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

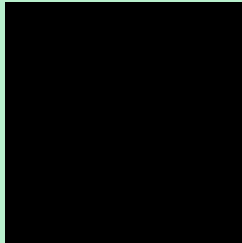
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

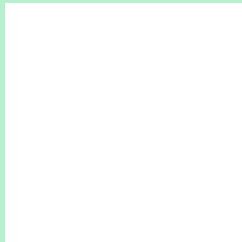
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 26.434, 155.903

Background



This preview shows how black text looks on a background with the CIELCh color 90, 26.434, 155.903.

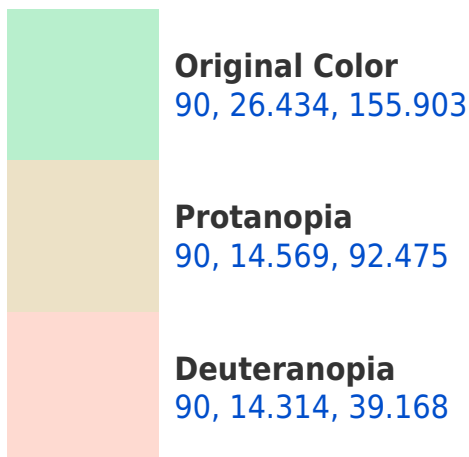



This preview shows how white text looks on a background with the CIELCh color 90, 26.434, 155.903.

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



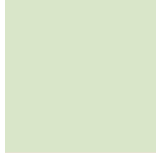


Tritanopia
90, 15.885, 237.403

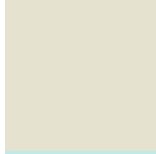
Trichromacy



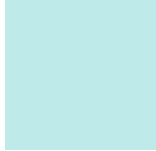
Original Color
90, 26.434, 155.903



Protanomaly
90, 15.778, 126.657

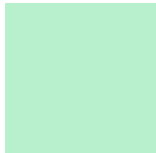


Deuteranomaly
90, 9.376, 102.623

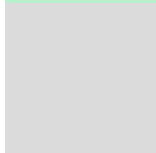


Tritanomaly
90, 15.218, 196.459

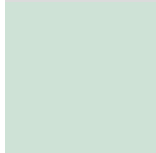
Monochromacy



Original Color
90, 26.434, 155.903



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 9.567, 157.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 26.434, 155.903 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(184, 239, 205)` looks like.

```
.text, #text, p{  
    color:rgb(184, 239, 205)  
}
```

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(184, 239, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 239, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 26.434, 155.903 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(184, 239, 205) }
```

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

```
.border{ border-color:rgb(184, 239, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 239, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 239, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 239, 205); box-shadow:4px 4px 4px 4px rgb(184, 239, 205) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 26.434, 155.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 239, 205) }
```

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

```
.background{ background-color: rgb(184,  
239, 205) }
```

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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