

Converting Colors

CIELCh(90, 27.851, 157.101)

Have a look what the booklet for
CIELCh(90, 27.851, 157.101)
contains.

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Color

CIELCh(90, 28.035, 157.280)

Conversions

Conversions Part 1

Format	Color
Hex	B4F0CD
RGB	180, 240, 205
RGB Percent	71%, 94%, 80%
CMY	0.2948, 0.0595, 0.1967
CMYK	0.25, 0.00, 0.15, 0.06
HSL	145°, 66%, 82%
HSV	145°, 25%, 94%
XYZ	60.8936, 76.3034, 69.1720
YIQ	218.0700, -24.5250, -23.6050

Conversions

Conversions Part 2

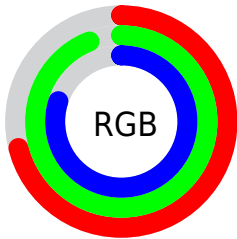
Format	Color
RYB	180, 222, 240
Decimal	11858125
CIELab	90.00, -25.86, 10.83
CIElCh	90, 28.035, 157.280
Yxy	76.3034, 0.2951, 0.3697
Android (android.graphics.Color)	4290048205 (0xFFB4F0CD)
YUV	218.0700, -6.4435, -33.3874
Hunter-Lab	87.3518, -28.4318, 14.1958

Details

The CIELCh color **90, 28.035, 157.280** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **80, 28.607, 341.482**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.178, 199.121**, and **70, 28.078, 157.320** is the 20% darker color. If you saturate the color by 10%, you get **88, 39.008, 156.207**, and if you desaturate by 10%, it is **92, 16.851, 158.229**.

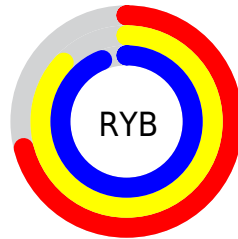
Distribution



Red (71%)

Green (94%)

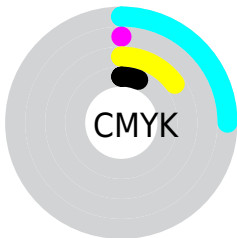
Blue (80%)



Red (71%)

Yellow (87%)

Blue (94%)

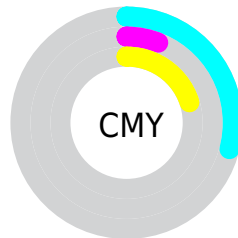


Cyan (25%)

Magenta (0%)

Yellow (15%)

Black (6%)



Cyan (29%)


Magenta (6%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 28.035, 157.280 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, 28.035, 157.280 by changing the saturation by 10% instead.


 90, 28.035,
157.280


 90, 28.035,
157.280

 100, 28.035,
157.280


 80, 28.035,
157.280

 70, 28.035,
157.280

 60, 28.035,
157.280

 50, 28.035,
157.280

 40, 28.035,
157.280

 30, 28.035,
157.280

 20, 28.035,

157.280

■ 10, 28.035,
157.280

■ 0, 28.035, 157.280

■ 90, 28.035,
157.280

■ 90, 28.035,
157.280

■ 88, 39.008,
156.207

■ 92, 16.851,
158.229

■ 87, 49.579,
154.987

■ 94, 5.610, 159.113

■ 86, 59.550,
153.592

■ 96, 5.559, 339.702

■ 96, 9.454, 324.738

■ 85, 68.727,
152.002

■ 84, 76.949,
150.202

■ 84, 84.117,
148.198

■ 84, 90.222,
146.025

■ 84, 92.953,
144.939

Harmonies

Complementary

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



90, 28.035, 157.280



80, 28.607, 341.482

Rectangle

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



90, 28.035, 157.280



90, 28.035, 207.280



90, 28.035, 337.280



90, 28.035, 27.280

Sweetspot

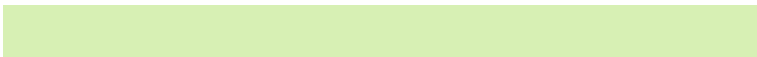
The Sweet Spot groups the original color and five complimentary colors.



90, 28.037, 157.279



98, 9.419, 158.844



92, 32.120, 124.860



52, 6.698, 158.712



0, 0.000, 0.000



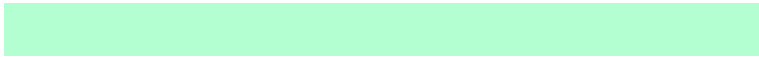
53, 0.007, 296.813

Same Dimension

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



90, 28.037, 157.279



94, 35.250, 156.751



91, 20.185, 190.672



49, 6.366, 158.717



65, 75.409, 145.344



20, 30.438, 149.040

Inverse Universe

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



80, 28.607, 341.482



81, 36.091, 341.970



79, 23.263, 14.893



47, 6.423, 340.114



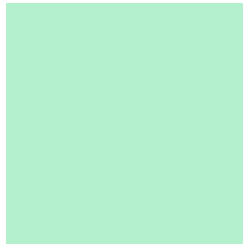
40, 67.809, 354.333



9, 30.418, 349.433

Previews

White Background



This preview shows how the CIE LCh color 90, 28.035, 157.280 looks on a white background.

Color Contrast Check

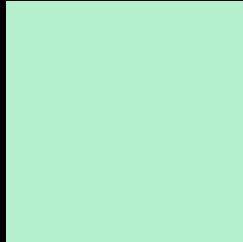
Large Text (above 18pt) WCAG AA × Fail

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, 28.035, 157.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

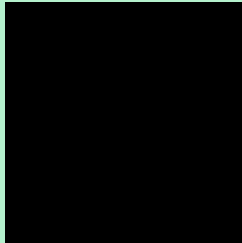
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

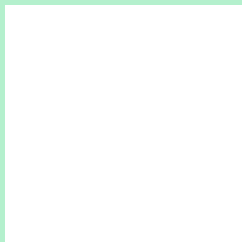
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 28.035, 157.280

Background



This preview shows how black text looks on a background with the CIELCh color 90, 28.035, 157.280.

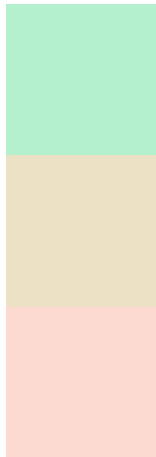


This preview shows how white text looks on a background with the CIELCh color 90, 28.035, 157.280.

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
90, 28.035, 157.280

Protanopia
90, 15.067, 92.969

Deuteranopia
90, 13.951, 39.658

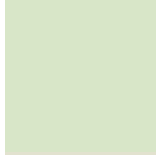


Tritanopia
90, 17.097, 234.136

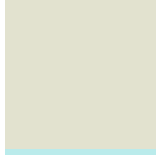
Trichromacy



Original Color
90, 28.035, 157.280



Protanomaly
90, 16.389, 127.301



Deuteranomaly
89, 9.839, 109.362

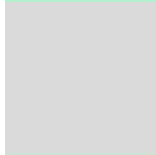


Tritanomaly
90, 16.422, 198.348

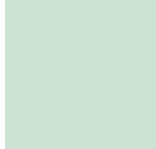
Monochromacy



Original Color
90, 28.035, 157.280



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 10.457, 158.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 28.035, 157.280 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(180, 240, 205)` looks like.

```
.text, #text, p{  
    color:rgb(180, 240, 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(180, 240, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 240, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 28.035, 157.280 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(180, 240, 205) }
```

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

```
.border{ border-color:rgb(180, 240, 205) }
```

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

Here you see how a box with a 4 pixel rgb(180, 240, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 240, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 240, 205);  
box-shadow:4px 4px 4px 4px rgb(180, 240,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 28.035, 157.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 240, 205) }
```

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

```
.background{ background-color: rgb(180,  
240, 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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