

Converting Colors

CIELCh(90, 17.965, 155.053)

Have a look what the booklet for
CIELCh(90, 17.965, 155.053)
contains.

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Color

CIELCh(90, 18.004, 154.528)

Conversions

Conversions Part 1

Format	Color
Hex	C7EBD3
RGB	199, 235, 211
RGB Percent	78%, 92%, 83%
CMY	0.2194, 0.0782, 0.1723
CMYK	0.15, 0.00, 0.10, 0.08
HSL	140°, 47%, 85%
HSV	140°, 15%, 92%
XYZ	65.0561, 76.3034, 72.9627
YIQ	221.5000, -13.7520, -15.0960

Conversions

Conversions Part 2

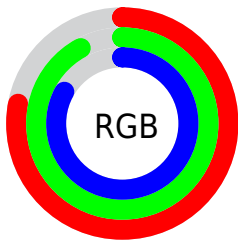
Format	Color
RYB	199, 226, 235
Decimal	13102035
CIELab	90.00, -16.25, 7.74
CIELCh	90, 18.004, 154.528
Yxy	76.3034, 0.3035, 0.3560
Android (android.graphics.Color)	4291292115 (0xFFC7EBD3)
YUV	221.5000, -5.1765, -19.7325
Hunter-Lab	87.3518, -19.9261, 11.6229

Details

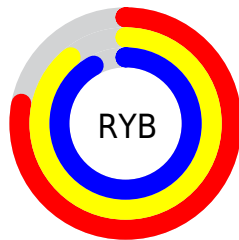
The CIELCh color **90, 18.004, 154.528** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84, 18.155, 336.751**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 18.036, 153.837** is the 20% darker color. If you saturate the color by 10%, you get **88, 29.767, 153.625**, and if you desaturate by 10%, it is **92, 6.221, 155.350**.

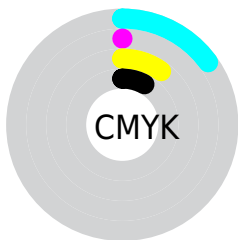
Distribution



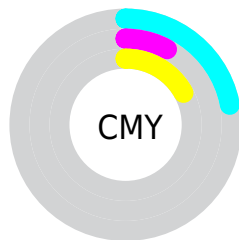
- Red (78%)
- Green (92%)
- Blue (83%)



- Red (78%)
- Yellow (89%)
- Blue (92%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (8%)





- Cyan (22%)
- Magenta (8%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 18.004, 154.528 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, 18.004, 154.528 by changing the saturation by 10% instead.


 90, 18.004,
154.528


 90, 18.004,
154.528


 100, 18.004,
154.528


 80, 18.004,
154.528


 70, 18.004,
154.528

 60, 18.004,
154.528

 50, 18.004,
154.528

 40, 18.004,
154.528

 30, 18.004,
154.528

 20, 18.004,

154.528

■ 10, 18.004,
154.528

■ 0, 18.004, 154.528

■ 90, 18.004,
154.528

■ 90, 18.004,
154.528

■ 88, 29.767,
153.625

■ 92, 6.221, 155.350

■ 87, 41.337,
152.596

■ 94, 5.457, 335.903

■ 95, 12.444,
324.849

■ 85, 52.517,
151.414

■ 84, 63.089,
150.057

■ 83, 72.833,
148.508

■ 83, 81.556,
146.764

■ 82, 89.116,
144.844

■ 82, 95.451,
142.803

■ 82, 98.061,
141.872

Harmonies

Complementary

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



90, 18.004, 154.528



84, 18.155, 336.751

Rectangle

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



90, 18.004, 154.528



90, 18.004, 204.528



90, 18.004, 334.528



90, 18.004, 24.528

Sweetspot

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



90, 18.006, 154.527



99, 6.248, 155.375



91, 19.018, 121.568



53, 4.265, 155.315



0, 0.000, 0.000



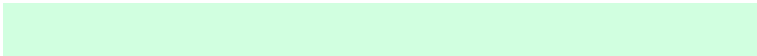
53, 0.007, 296.813

Same Dimension

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



90, 18.006, 154.527



96, 22.615, 154.289



90, 12.969, 183.208



48, 6.653, 155.010



64, 79.968, 142.242



19, 31.532, 145.961

Inverse Universe

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



84, 18.155, 336.751



89, 22.828, 336.966



83, 13.831, 5.988



46, 6.693, 336.301



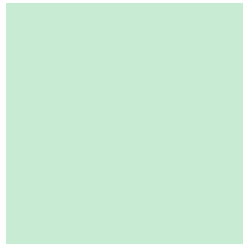
40, 69.963, 347.376



8, 30.881, 343.733

Previews

White Background



This preview shows how the CIELCh color 90, 18.004, 154.528 looks on a white background.

Color Contrast Check

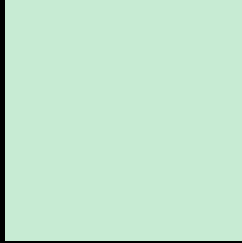
Large Text (above 18pt) WCAG AA × Fail

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 90, 18.004, 154.528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

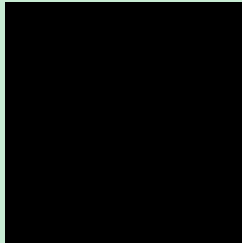
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

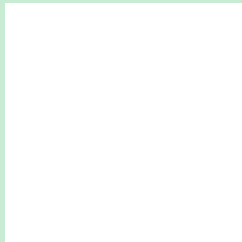
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 18.004, 154.528

Background



This preview shows how black text looks on a background with the CIELCh color 90, 18.004, 154.528.

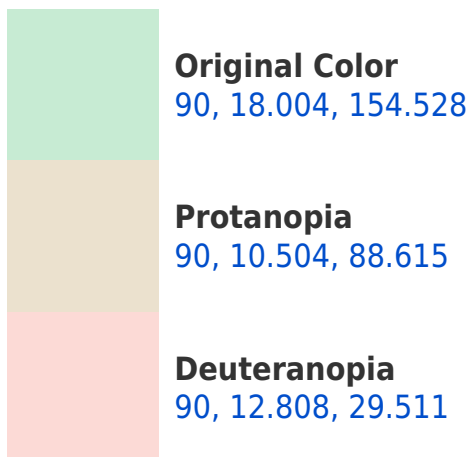


This preview shows how white text looks on a background with the CIELCh color 90, 18.004, 154.528.

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](#).

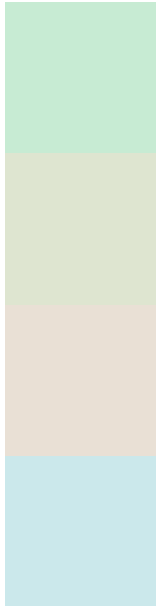
Dichromacy





Tritanopia
90, 12.373, 248.366

Trichromacy



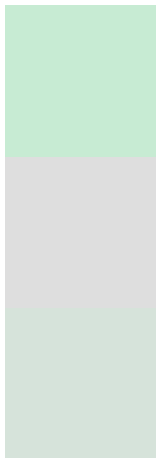
Original Color
90, 18.004, 154.528

Protanomaly
90, 11.181, 122.558

Deuteranomaly
90, 6.571, 79.495

Tritanomaly
90, 10.018, 207.793

Monochromacy



Original Color
90, 18.004, 154.528

Achromatopsia
88, 0.011, 296.813

Achromatomaly
89, 6.639, 154.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 18.004, 154.528 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(199, 235, 211)` looks like.

```
.text, #text, p{  
    color:rgb(199, 235, 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(199, 235, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 235, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 18.004, 154.528 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(199, 235, 211) }
```

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

```
.border{ border-color:rgb(199, 235, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 235, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 235, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 235, 211);  
box-shadow:4px 4px 4px 4px rgb(199, 235,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 18.004, 154.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 235, 211) }
```

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

```
.background{ background-color: rgb(199,  
235, 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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