

Converting Colors

CIELCh(90, 14.532, 177.720)

Have a look what the booklet for
CIELCh(90, 14.532, 177.720)
contains.

CIELCh(90, 14.573, 177.527)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(90, 14.573, 177.527)

Conversions

Conversions Part 1

Format	Color
Hex	C4EBE1
RGB	196, 235, 225
RGB Percent	77%, 92%, 88%
CMY	0.2328, 0.0799, 0.1191
CMYK	0.17, 0.00, 0.04, 0.08
HSL	165°, 49%, 84%
HSV	165°, 17%, 92%
XYZ	65.8095, 76.3034, 82.2268
YIQ	222.1990, -20.0340, -11.3780

Conversions

Conversions Part 2

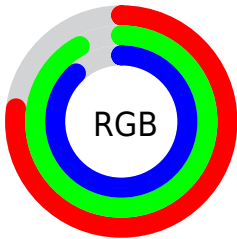
Format	Color
R_{YB}	196, 218, 235
Decimal	12905441
CIE _{Lab}	90.00, -14.56, 0.63
CIE _{LCh}	90, 14.573, 177.527
Yxy	76.3034, 0.2933, 0.3401
Android (android.graphics.Color)	4291095521 (0xFFC4EBE1)
YUV	222.1990, 1.3809, -22.9765
Hunter-Lab	87.3518, -18.3865, 5.3349

Details

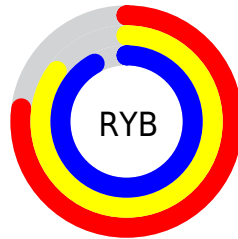
The CIELCh color **90, 14.573, 177.527** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83, 15.412, 0.697**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.695, 200.315**, and **70, 14.358, 178.120** is the 20% darker color. If you saturate the color by 10%, you get **88, 22.975, 176.483**, and if you desaturate by 10%, it is **92, 5.866, 178.538**.

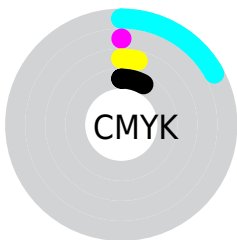
Distribution



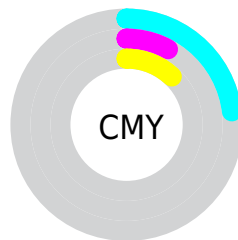
- Red (77%)
- Green (92%)
- Blue (88%)



- Red (77%)
- Yellow (85%)
- Blue (92%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (8%)





- Cyan (23%)
- Magenta (8%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 14.573, 177.527 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, 14.573, 177.527 by changing the saturation by 10% instead.


 90, 14.573,
177.527


 90, 14.573,
177.527


 100, 14.573,
177.527


 80, 14.573,
177.527

 70, 14.573,
177.527

 60, 14.573,
177.527

 50, 14.573,
177.527

 40, 14.573,
177.527

 30, 14.573,
177.527

 20, 14.573,

177.527

■ 10, 14.573,
177.527

■ 0, 14.573, 177.527

■ 90, 14.573,
177.527

■ 90, 14.573,
177.527

■ 88, 22.975,
176.483

■ 92, 5.866, 178.538

■ 87, 30.925,
175.370

■ 94, 3.024, 359.164

■ 95, 8.370, 350.378

■ 86, 38.274,
174.161

■ 95, 10.233,
335.185

■ 85, 44.874,
172.832

■ 95, 12.594,
325.237

■ 84, 50.603,
171.357

■ 95, 12.715,
324.859

■ 84, 55.385,
169.713

■ 83, 59.212,
167.879

■ 83, 62.170,
165.856

■ 83, 63.067,
165.162

Harmonies

Complementary

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



90, 14.573, 177.527



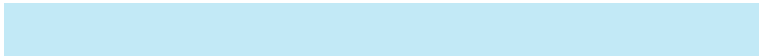
83, 15.412, 0.697

Rectangle

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



90, 14.573, 177.527



90, 14.573, 227.527



90, 14.573, 357.527



90, 14.573, 47.527

Sweetspot

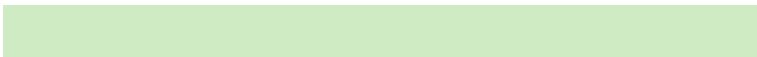
The Sweet Spot groups the original color and five complimentary colors.



90, 14.575, 177.522



99, 4.745, 178.716



90, 22.793, 136.023



53, 3.236, 178.635



0, 0.000, 0.000



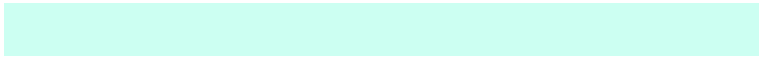
53, 0.007, 296.813

Same Dimension

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



90, 14.575, 177.522



96, 18.672, 177.168



88, 11.087, 224.307



48, 5.022, 178.243



66, 51.655, 165.538



19, 21.083, 168.999

Inverse Universe

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



83, 15.412, 0.697



87, 19.989, 1.112



85, 12.314, 42.831



46, 5.183, 359.894



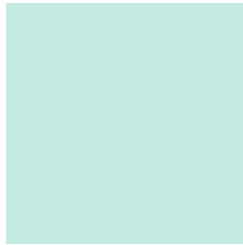
38, 69.345, 24.838



7, 27.824, 11.752

Previews

White Background



This preview shows how the CIE LCh color 90, 14.573, 177.527 looks on a white background.

Color Contrast Check

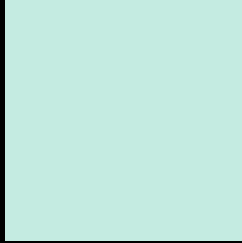
Large Text (above 18pt) WCAG AA × Fail

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, 14.573, 177.527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

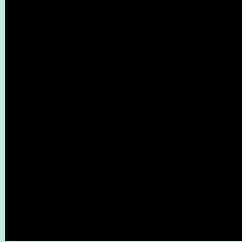
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

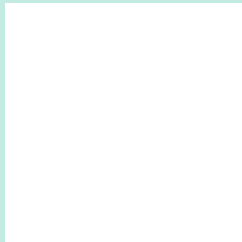
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 14.573, 177.527

Background



This preview shows how black text looks on a background with the CIELCh color 90, 14.573, 177.527.

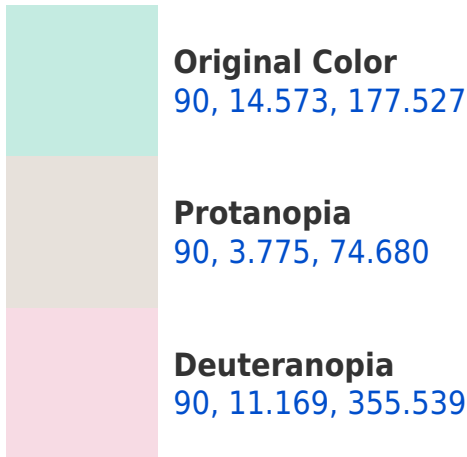


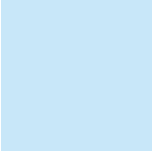
This preview shows how white text looks on a background with the CIELCh color 90, 14.573, 177.527.

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



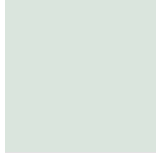


Tritanopia
90, 13.695, 242.196

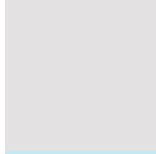
Trichromacy



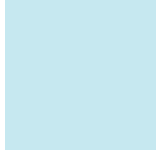
Original Color
90, 14.573, 177.527



Protanomaly
90, 5.749, 152.949



Deuteranomaly
90, 1.509, 335.503

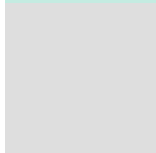


Tritanomaly
90, 12.084, 218.954

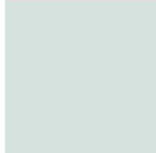
Monochromacy



Original Color
90, 14.573, 177.527



Achromatopsia
88, 0.011, 296.813



Achromatomaly
89, 5.732, 177.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 14.573, 177.527 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(196, 235, 225)` looks like.

```
.text, #text, p{  
    color:rgb(196, 235, 225)  
}
```

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(196, 235, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 235, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 14.573, 177.527 is called "border". The border property can be set on classes, ids or directly on the HTML element.

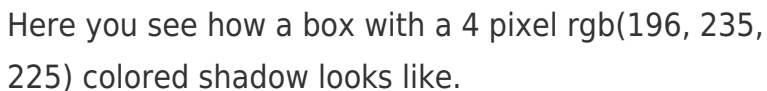
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 235, 225) }
```

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

```
.border{ border-color:rgb(196, 235, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 235, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 235, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 235, 225); box-shadow:4px 4px 4px 4px rgb(196, 235, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 14.573, 177.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 235, 225) }
```

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

```
.background{ background-color: rgb(196,  
235, 225) }
```

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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