

Converting Colors

CIELCh(90, 8.734, 178.214)

Have a look what the booklet for
CIELCh(90, 8.734, 178.214) contains.

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Color

CIELCh(90, 8.709, 177.872)

Conversions

Conversions Part 1

Format	Color
Hex	D0E7E1
RGB	208, 231, 225
RGB Percent	82%, 91%, 88%
CMY	0.1828, 0.0925, 0.1161
CMYK	0.10, 0.00, 0.03, 0.09
HSL	164°, 33%, 86%
HSV	164°, 10%, 91%
XYZ	68.4582, 76.3034, 82.6411
YIQ	223.4390, -11.7820, -6.7420

Conversions

Conversions Part 2

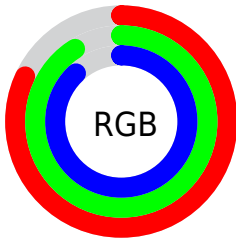
Format	Color
R_{YB}	208, 221, 231
Decimal	13690849
CIE _{Lab}	90.00, -8.70, 0.32
CIE _{LCh}	90, 8.709, 177.872
Yxy	76.3034, 0.3010, 0.3355
Android (android.graphics.Color)	4291880929 (0xFFD0E7E1)
YUV	223.4390, 0.7696, -13.5400
Hunter-Lab	87.3518, -12.9740, 5.0536

Details

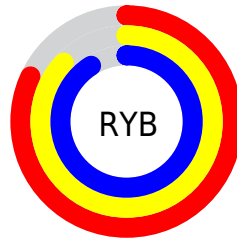
The CIELCh color **90, 8.709, 177.872** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 9.001, 359.616**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **70, 8.257, 179.361** is the 20% darker color. If you saturate the color by 10%, you get **88, 17.262, 176.852**, and if you desaturate by 10%, it is **92, 0.056, 348.814**.

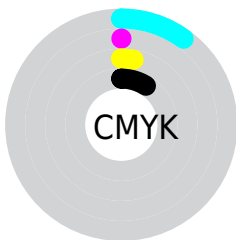
Distribution



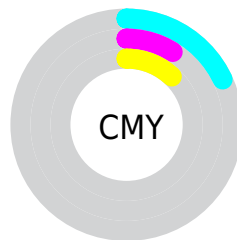
- Red (82%)
- Green (91%)
- Blue (88%)



- Red (82%)
- Yellow (87%)
- Blue (91%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (18%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 90, 8.709, 177.872 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, 8.709, 177.872 by changing the saturation by 10% instead.

90, 8.709, 177.872

90, 8.709, 177.872

100, 8.709,
177.872

80, 8.709, 177.872

70, 8.709, 177.872

60, 8.709, 177.872

50, 8.709, 177.872

40, 8.709, 177.872

30, 8.709, 177.872

20, 8.709, 177.872

10, 8.709, 177.872

0, 8.709, 177.872

90, 8.709, 177.872

90, 8.709, 177.872

88, 17.262,
176.852

92, 0.056, 348.814

87, 25.468,
175.789

94, 8.924, 359.533

86, 33.184,
174.643

94, 10.477,
343.658

85, 40.260,
173.392

94, 12.550,
332.184

84, 46.556,
172.011

94, 14.735,
324.932

83, 51.963,
170.474

83, 56.425,
168.760

82, 59.960,
166.851

■ 82, 62.751,
164.789

Harmonies

Complementary

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



90, 8.709, 177.872



86, 9.001, 359.616

Rectangle

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



90, 8.709, 177.872



90, 8.709, 227.872



90, 8.709, 357.872



90, 8.709, 47.872

Sweetspot

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



90, 8.711, 177.864



99, 2.856, 178.651



90, 13.451, 136.356



53, 2.165, 178.534



0, 0.000, 0.000



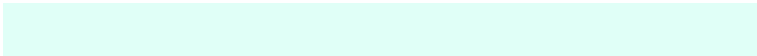
53, 0.007, 296.813

Same Dimension

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



90, 8.711, 177.864



98, 11.349, 177.650



89, 6.676, 223.945



47, 4.944, 177.914



65, 51.395, 165.161



18, 20.486, 168.845

Inverse Universe

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



86, 9.001, 359.616



92, 11.808, 359.849



87, 7.090, 42.983



45, 5.101, 359.562



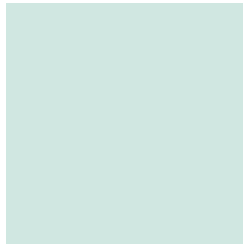
37, 68.412, 24.386



7, 26.640, 10.573

Previews

White Background



This preview shows how the CIELCh color 90, 8.709, 177.872 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, 8.709, 177.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

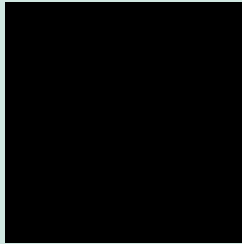
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

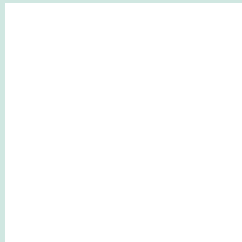
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 8.709, 177.872

Background



This preview shows how black text looks on a background with the CIELCh color 90, 8.709, 177.872.



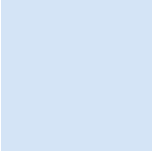
This preview shows how white text looks on a background with the CIELCh color 90, 8.709, 177.872.

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](#).

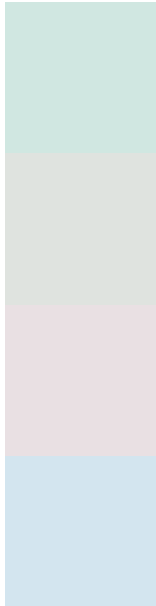
Dichromacy





Tritanopia
90, 10.698, 260.489

Trichromacy



Original Color
90, 8.709, 177.872

Protanomaly
90, 2.528, 144.456

Deuteranomaly
90, 3.602, 353.901

Tritanomaly
90, 7.979, 239.897

Monochromacy



Original Color
90, 8.709, 177.872

Achromatopsia
89, 0.011, 296.813

Achromatomaly
90, 3.370, 181.380

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 8.709, 177.872 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(208, 231, 225)` looks like.

```
.text, #text, p{  
    color:rgb(208, 231, 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(208, 231, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 231, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 8.709, 177.872 is called "border". The border property can be set on classes, ids or directly on the HTML element.

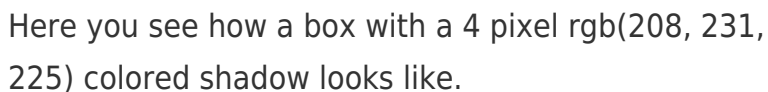
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 231, 225) }
```

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

```
.border{ border-color:rgb(208, 231, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 231, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 231, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 231, 225); box-shadow:4px 4px 4px 4px rgb(208, 231, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 8.709, 177.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 231, 225) }
```

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

```
.background{ background-color: rgb(208,  
231, 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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