

Converting Colors

CIELCh(91, 9.653, 179.974)

Have a look what the booklet for
CIELCh(91, 9.653, 179.974) contains.

CIELCh(91, 9.646, 179.978)	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(91, 9.646, 179.978)

Conversions

Conversions Part 1

Format	Color
Hex	D1EBE5
RGB	209, 235, 229
RGB Percent	82%, 92%, 90%
CMY	0.1811, 0.0792, 0.1027
CMYK	0.11, 0.00, 0.03, 0.08
HSL	166°, 39%, 87%
HSV	166°, 11%, 92%
XYZ	70.0128, 78.4833, 85.4498
YIQ	226.5420, -13.5700, -7.3780

Conversions

Conversions Part 2

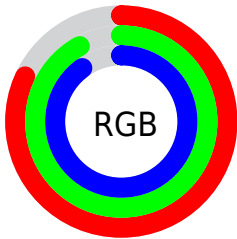
Format	Color
R _Y B	209, 224, 235
Decimal	13757413
CIE Lab	91.00, -9.65, 0.00
CIE LCh	91, 9.646, 179.978
Yxy	78.4833, 0.2993, 0.3355
Android (android.graphics.Color)	4291947493 (0xFFD1EBE5)
YUV	226.5420, 1.2118, -15.3843
Hunter-Lab	88.5908, -13.9664, 4.8257

Details

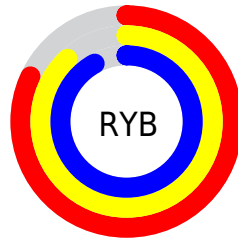
The CIELCh color **91, 9.646, 179.978** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86, 10.042, 1.941**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 9.576, 182.059** is the 20% darker color. If you saturate the color by 10%, you get **89, 18.097, 178.972**, and if you desaturate by 10%, it is **93, 0.940, 181.430**.

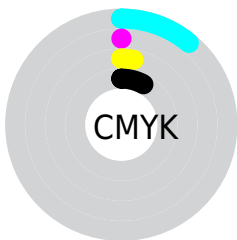
Distribution



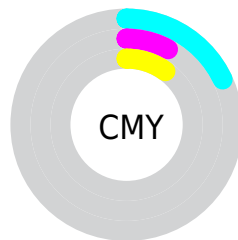
- Red (82%)
- Green (92%)
- Blue (90%)



- Red (82%)
- Yellow (88%)
- Blue (92%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (18%)
- Magenta (8%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 9.646, 179.978 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 91, 9.646, 179.978 by changing the saturation by 10% instead.

 91, 9.646, 179.978

 91, 9.646, 179.978

 100, 9.646,
179.978

 81, 9.646, 179.978

 71, 9.646, 179.978

 61, 9.646, 179.978

 51, 9.646, 179.978

 41, 9.646, 179.978

 31, 9.646, 179.978

 21, 9.646, 179.978

 11, 9.646, 179.978

 1, 9.646, 179.978

91, 9.646, 179.978

91, 9.646, 179.978

89, 18.097,
178.972

93, 0.940, 181.430

88, 26.153,
177.926

95, 7.645, 0.943

87, 33.668,
176.804

95, 8.919, 343.808

95, 10.784,
331.817

86, 40.493,
175.585

95, 12.597,
324.855

85, 46.493,
174.246

84, 51.567,
172.761

84, 55.670,
171.106

83, 58.834,
169.268

■ 83, 61.040,
167.505

Harmonies

Complementary

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



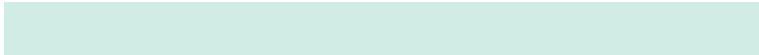
91, 9.646, 179.978



86, 10.042, 1.941

Rectangle

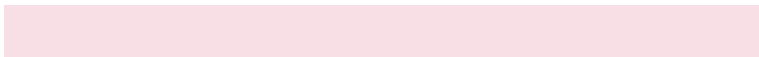
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



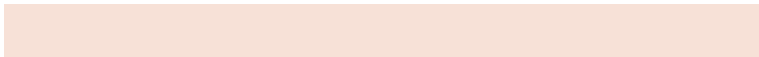
91, 9.646, 179.978



91, 9.646, 229.978



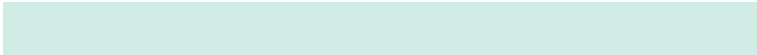
91, 9.646, 359.978



91, 9.646, 49.978

Sweetspot

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



91, 9.648, 179.970



99, 2.814, 180.868



91, 15.315, 137.315



53, 2.133, 180.750



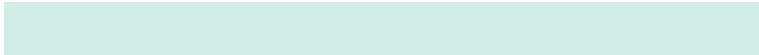
0, 0.000, 0.000



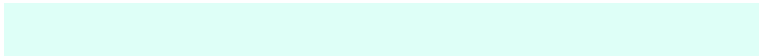
53, 0.007, 296.813

Same Dimension

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



91, 9.648, 179.970



98, 12.081, 179.773



89, 7.430, 228.212



48, 4.955, 180.131



66, 49.991, 167.866



19, 20.504, 171.167

Inverse Universe

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



86, 10.042, 1.941



91, 12.666, 2.162



88, 7.925, 46.823



46, 5.128, 1.765



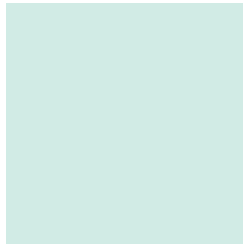
38, 70.411, 26.956



7, 27.856, 13.027

Previews

White Background



This preview shows how the CIELCh color 91, 9.646, 179.978 looks on a white background.

Color Contrast Check

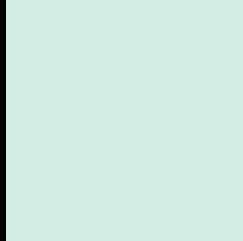
Large Text (above 18pt) WCAG AA × Fail

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 91, 9.646, 179.978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

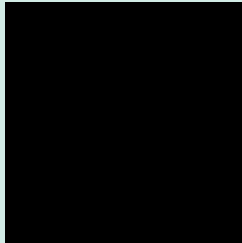
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

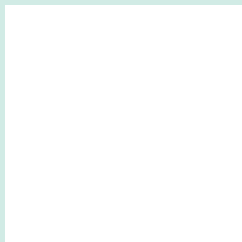
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 9.646, 179.978

Background



This preview shows how black text looks on a background with the CIELCh color 91, 9.646, 179.978.

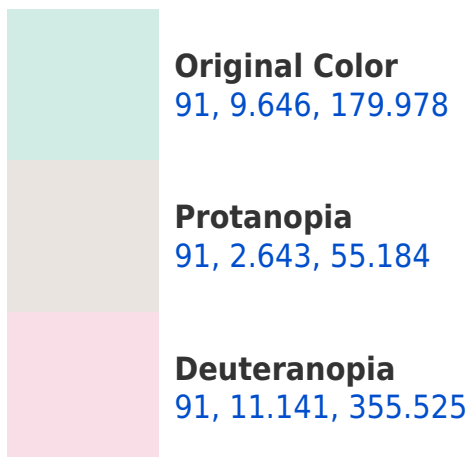


This preview shows how white text looks on a background with the CIELCh color 91, 9.646, 179.978.

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](#).

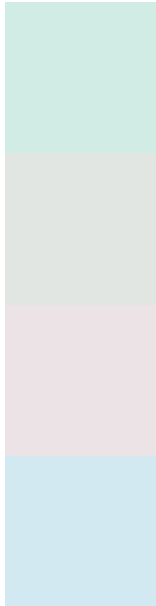
Dichromacy





Tritanopia
91, 11.360, 254.605

Trichromacy



Original Color
91, 9.646, 179.978

Protanomaly
91, 2.743, 150.518

Deuteranomaly
91, 3.274, 351.129

Tritanomaly
91, 8.743, 231.383

Monochromacy



Original Color
91, 9.646, 179.978

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 3.364, 181.384

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 9.646, 179.978 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(209, 235, 229)` looks like.

```
.text, #text, p{  
    color:rgb(209, 235, 229)  
}
```

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(209, 235, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 235, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 9.646, 179.978 is called "border". The border property can be set on classes, ids or directly on the HTML element.

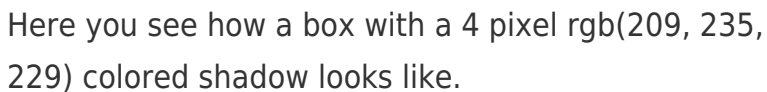
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 235, 229) }
```

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

```
.border{ border-color:rgb(209, 235, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 235, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 235, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 235, 229); box-shadow:4px 4px 4px 4px rgb(209, 235, 229) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 9.646, 179.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 235, 229) }
```

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

```
.background{ background-color: rgb(209,  
235, 229) }
```

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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