

Converting Colors

CIE LCh(91, 8.733, 213.126)

Have a look what the booklet for
CIELCh(91, 8.733, 213.126) contains.

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Color

CIELCh(91, 8.777, 212.627)

Conversions

Conversions Part 1

Format	Color
Hex	D1EAEE
RGB	209, 234, 238
RGB Percent	82%, 92%, 93%
CMY	0.1808, 0.0828, 0.0671
CMYK	0.12, 0.02, 0.00, 0.07
HSL	188°, 46%, 88%
HSV	188°, 12%, 93%
XYZ	71.0665, 78.4833, 92.2013
YIQ	226.9810, -16.1840, -4.0560

Conversions

Conversions Part 2

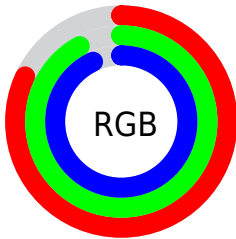
Format	Color
R_{YB}	209, 222, 238
Decimal	13757166
CIE _{Lab}	91.00, -7.39, -4.73
CIE _{LCh}	91, 8.777, 212.627
Yxy	78.4833, 0.2940, 0.3246
Android (android.graphics.Color)	4291947246 (0xFFD1EAEE)
YUV	226.9810, 5.4324, -15.7693
Hunter-Lab	88.5908, -11.8434, 0.3072

Details

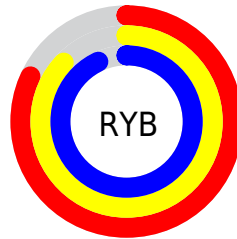
The CIELCh color **91, 8.777, 212.627** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 9.510, 32.609**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 8.804, 213.206** is the 20% darker color. If you saturate the color by 10%, you get **89, 15.490, 212.721**, and if you desaturate by 10%, it is **93, 1.618, 212.912**.

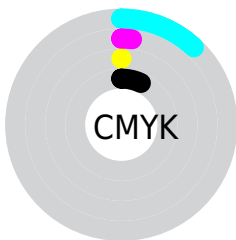
Distribution



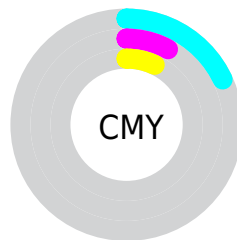
- Red (82%)
- Green (92%)
- Blue (93%)



- Red (82%)
- Yellow (87%)
- Blue (93%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 8.777, 212.627 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, 8.777, 212.627 by changing the saturation by 10% instead.



91, 8.777, 212.627

91, 8.777, 212.627

89, 15.490,
212.721

93, 1.618, 212.912

86, 21.641,
212.998

96, 5.369, 33.705

84, 27.109,
213.469

97, 5.000, 55.994

83, 31.778,
214.178

98, 5.432, 77.955

81, 35.548,
215.177

98, 6.503, 94.609

99, 7.954, 105.845

79, 38.358,
216.523

100, 8.664,
109.520

78, 40.203,
218.278

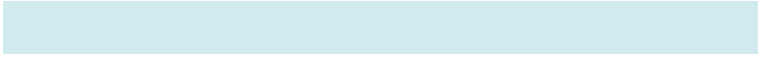
77, 41.157,
220.494

■ 76, 41.451,
222.515

Harmonies

Complementary

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



91, 8.777, 212.627



87, 9.510, 32.609

Rectangle

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



91, 8.777, 212.627



91, 8.777, 262.627



91, 8.777, 32.627



91, 8.777, 82.627

Sweetspot

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



91, 8.778, 212.614



99, 3.113, 212.732



91, 16.733, 147.545



53, 2.208, 212.697



0, 0.000, 0.000



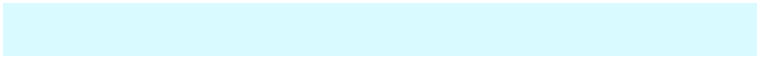
53, 0.007, 296.813

Same Dimension

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



91, 8.778, 212.614



96, 11.333, 212.627



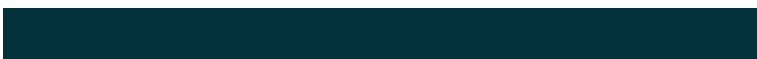
87, 10.198, 270.057



49, 4.147, 212.618



60, 34.160, 222.031



18, 15.039, 218.001

Inverse Universe

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



87, 16.718, 329.158



91, 21.795, 329.336



91, 10.264, 86.790



47, 7.829, 328.988



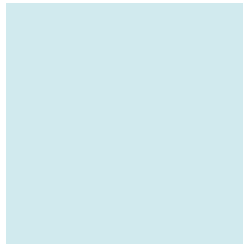
42, 81.067, 334.600



9, 35.919, 333.598

Previews

White Background



This preview shows how the CIELCh color 91, 8.777, 212.627 looks on a white background.

Color Contrast Check

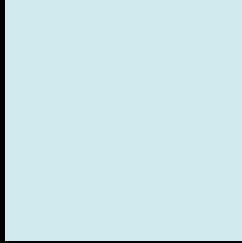
Large Text (above 18pt) WCAG AA × Fail

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 91, 8.777, 212.627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

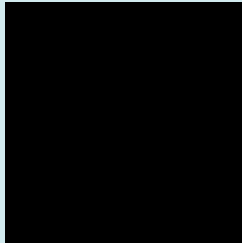
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

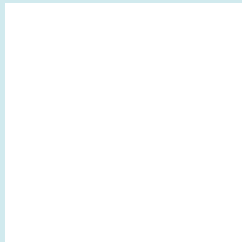
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 8.777, 212.627

Background



This preview shows how black text looks on a background with the CIELCh color 91, 8.777, 212.627.

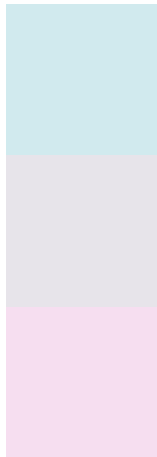


This preview shows how white text looks on a background with the CIELCh color 91, 8.777, 212.627.

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

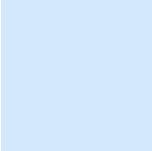
91, 8.777, 212.627

Protanopia

91, 3.309, 309.140

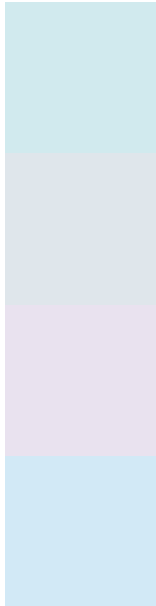
Deuteranopia

91, 12.681, 332.949



Tritanopia
91, 11.550, 253.263

Trichromacy



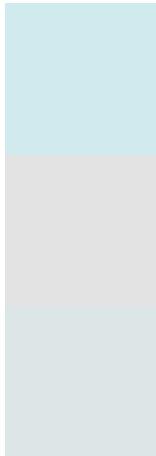
Original Color
91, 8.777, 212.627

Protanomaly
91, 3.541, 246.604

Deuteranomaly
91, 7.219, 310.613

Tritanomaly
91, 10.160, 240.741

Monochromacy



Original Color
91, 8.777, 212.627

Achromatopsia
90, 0.011, 296.813

Achromatomaly
91, 3.546, 207.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 8.777, 212.627 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, 234, 238)` looks like.

```
.text, #text, p{  
    color:rgb(209, 234, 238)  
}
```

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, 234, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 234, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 8.777, 212.627 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, 234, 238) }
```

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

```
.border{ border-color:rgb(209, 234, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 234, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 234, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 234, 238);  
box-shadow:4px 4px 4px 4px rgb(209, 234,  
238) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 8.777, 212.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 234, 238) }
```

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

```
.background{ background-color: rgb(209,  
234, 238) }
```

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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