

Converting Colors

CIELCh(91, 27.297, 188.328)

Have a look what the booklet for
CIELCh(91, 27.297, 188.328)
contains.

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Color

CIELCh(91, 27.164, 188.811)

Conversions

Conversions Part 1

Format	Color
Hex	A1F4EC
RGB	161, 244, 236
RGB Percent	63%, 96%, 93%
CMY	0.3679, 0.0424, 0.0737
CMYK	0.34, 0.00, 0.03, 0.04
HSL	174°, 79%, 79%
HSV	174°, 34%, 96%
XYZ	62.3144, 78.4833, 91.3685
YIQ	218.2710, -46.9000, -20.0840

Conversions

Conversions Part 2

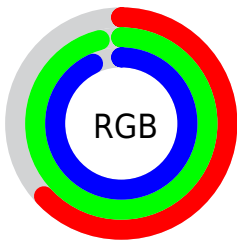
Format	Color
R _Y B	161, 205, 244
Decimal	10613996
CIE Lab	91.00, -26.84, -4.16
CIE LCh	91, 27.164, 188.811
Yxy	78.4833, 0.2684, 0.3380
Android (android.graphics.Color)	4288804076 (0xFFA1F4EC)
YUV	218.2710, 8.7404, -50.2267
Hunter-Lab	88.5908, -29.4778, 0.8646

Details

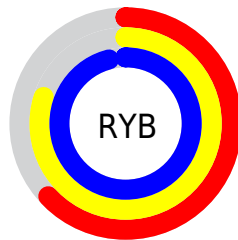
The CIELCh color **91, 27.164, 188.811** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **75, 32.953, 15.138**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 12.449, 198.674**, and **71, 27.494, 188.042** is the 20% darker color. If you saturate the color by 10%, you get **90, 33.801, 187.992**, and if you desaturate by 10%, it is **92, 19.795, 189.610**.

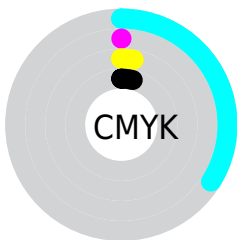
Distribution



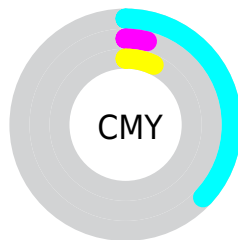
- Red (63%)
- Green (96%)
- Blue (93%)



- Red (63%)
- Yellow (80%)
- Blue (96%)



- Cyan (34%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)





- Cyan (37%)
- Magenta (4%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 27.164, 188.811 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, 27.164, 188.811 by changing the saturation by 10% instead.


 91, 27.164,
188.811


 91, 27.164,
188.811


 100, 27.164,
188.811


 81, 27.164,
188.811

 71, 27.164,
188.811

 61, 27.164,
188.811

 51, 27.164,
188.811

 41, 27.164,
188.811

 31, 27.164,
188.811

 21, 27.164,

188.811

■ 11, 27.164,
188.811

■ 1, 27.164, 188.811

■ 91, 27.164,
188.811

■ 91, 27.164,
188.811

■ 90, 33.801,
187.992

■ 92, 19.795,
189.610

■ 89, 39.567,
187.150

■ 94, 11.840,
190.412

■ 88, 44.351,
186.268

■ 96, 3.442, 191.312

■ 88, 48.084,
185.330

■ 97, 3.901, 8.844

■ 97, 4.291, 352.909

■ 87, 50.765,
184.316

■ 97, 4.951, 340.438

■ 87, 52.470,
183.211

■ 97, 5.790, 331.252

■ 87, 53.160,
182.512

■ 97, 6.727, 324.630

Harmonies

Complementary

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



91, 27.164, 188.811



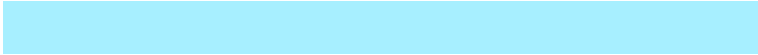
75, 32.953, 15.138

Rectangle

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



91, 27.164, 188.811



91, 27.164, 238.811



91, 27.164, 8.811



91, 27.164, 58.811

Sweetspot

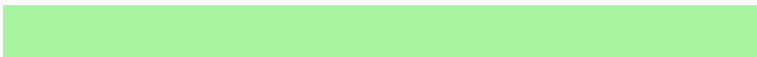
The Sweet Spot groups the original color and five complimentary colors.



91, 27.165, 188.808



98, 8.838, 190.739



90, 50.682, 139.582



52, 6.013, 190.622



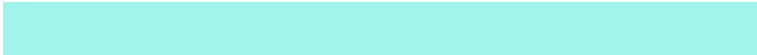
0, 0.000, 0.000



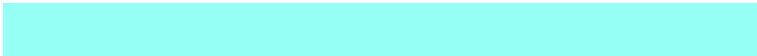
53, 0.007, 296.813

Same Dimension

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



91, 27.165, 188.808



94, 33.028, 188.230



82, 23.027, 248.859



50, 4.865, 190.785



68, 43.283, 182.722



21, 18.977, 184.387

Inverse Universe

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



75, 32.953, 15.138



73, 41.937, 16.339



82, 26.968, 60.472



48, 5.111, 12.162



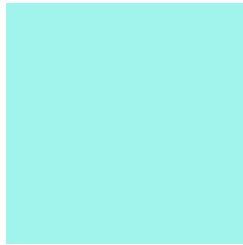
39, 78.470, 36.048



8, 30.456, 21.108

Previews

White Background



This preview shows how the CIELCh color 91, 27.164, 188.811 looks on a white background.

Color Contrast Check

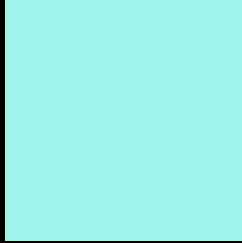
Large Text (above 18pt) WCAG AA × Fail

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, 27.164, 188.811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

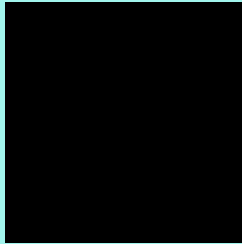
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 27.164, 188.811

Background



This preview shows how black text looks on a background with the CIELCh color 91, 27.164, 188.811.

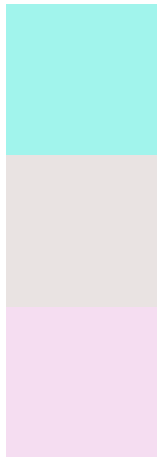


This preview shows how white text looks on a background with the CIELCh color 91, 27.164, 188.811.

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, 27.164, 188.811

Protanopia

91, 2.210, 32.810

Deuteranopia

91, 13.465, 329.962

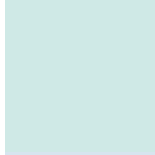


Tritanopia
91, 20.549, 222.280

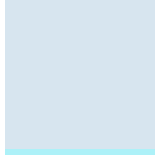
Trichromacy



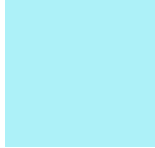
Original Color
91, 27.164, 188.811



Protanomaly
90, 9.199, 189.075



Deuteranomaly
90, 7.014, 247.144

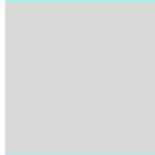


Tritanomaly
91, 21.948, 207.652

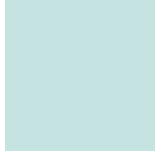
Monochromacy



Original Color
91, 27.164, 188.811



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 10.895, 190.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 27.164, 188.811 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(161, 244, 236)` looks like.

```
.text, #text, p{  
    color:rgb(161, 244, 236)  
}
```

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(161, 244, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 244, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 27.164, 188.811 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(161, 244, 236) }
```

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

```
.border{ border-color:rgb(161, 244, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 244, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 244, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 244, 236);  
box-shadow:4px 4px 4px 4px rgb(161, 244,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 27.164, 188.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 244, 236) }
```

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

```
.background{ background-color: rgb(161,  
244, 236) }
```

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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