

Converting Colors

CIELCh(90, 31.861, 178.443)

Have a look what the booklet for
CIELCh(90, 31.861, 178.443)
contains.

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Color

CIELCh(90, 31.669, 179.084)

Conversions

Conversions Part 1

Format	Color
Hex	97F3E0
RGB	151, 243, 224
RGB Percent	59%, 95%, 88%
CMY	0.4066, 0.0458, 0.1203
CMYK	0.38, 0.00, 0.08, 0.05
HSL	168°, 80%, 77%
HSV	168°, 38%, 95%
XYZ	58.4662, 76.3034, 82.3928
YIQ	213.3260, -48.7330, -25.4130

Conversions

Conversions Part 2

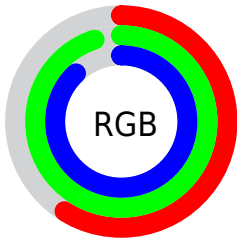
Format	Color
R_{YB}	151, 202, 243
Decimal	9958368
CIE _{Lab}	90.00, -31.66, 0.51
CIE _{LCh}	90, 31.669, 179.084
Yxy	76.3034, 0.2692, 0.3514
Android (android.graphics.Color)	4288148448 (0xFF97F3E0)
YUV	213.3260, 5.2623, -54.6599
Hunter-Lab	87.3518, -33.3922, 5.2221

Details

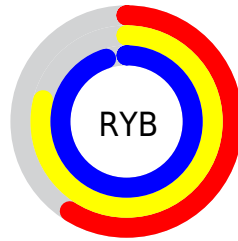
The CIELCh color **90, 31.669, 179.084** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **72, 37.119, 7.380**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.627, 198.466**, and **70, 31.375, 179.549** is the 20% darker color. If you saturate the color by 10%, you get **89, 38.743, 177.938**, and if you desaturate by 10%, it is **91, 23.912, 180.145**.

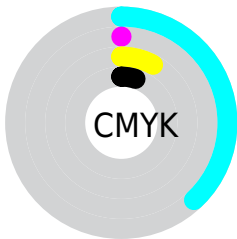
Distribution



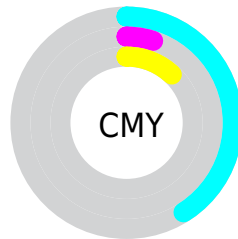
- Red (59%)
- Green (95%)
- Blue (88%)



- Red (59%)
- Yellow (79%)
- Blue (95%)



- Cyan (38%)
- Magenta (0%)
- Yellow (8%)
- Black (5%)





- Cyan (41%)
- Magenta (5%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 31.669, 179.084 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, 31.669, 179.084 by changing the saturation by 10% instead.


 90, 31.669,
179.084


 90, 31.669,
179.084


 100, 31.669,
179.084


 80, 31.669,
179.084


 70, 31.669,
179.084

 60, 31.669,
179.084

 50, 31.669,
179.084

 40, 31.669,
179.084

 30, 31.669,
179.084

 20, 31.669,

179.084

■ 10, 31.669,
179.084

■ 0, 31.669, 179.084

■ 90, 31.669,
179.084

■ 90, 31.669,
179.084

■ 89, 38.743,
177.938

■ 91, 23.912,
180.145

■ 88, 44.988,
176.692

■ 93, 15.623,
181.148

■ 87, 50.290,
175.319

■ 95, 6.950, 182.131

■ 87, 54.587,
173.796

■ 96, 1.972, 2.639

■ 97, 5.197, 342.611

■ 86, 57.887,
172.103

■ 97, 7.055, 325.863

■ 86, 60.311,
170.239

■ 97, 7.271, 324.652

■ 86, 60.788,
169.828

Harmonies

Complementary

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



90, 31.669, 179.084



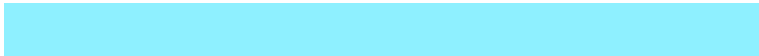
72, 37.119, 7.380

Rectangle

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



90, 31.669, 179.084



90, 31.669, 229.084



90, 31.669, 359.084



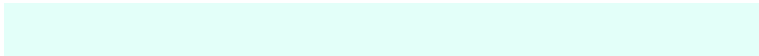
90, 31.669, 49.084

Sweetspot

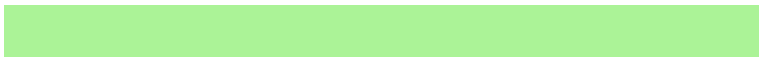
The Sweet Spot groups the original color and five complimentary colors.



90, 31.670, 179.082



98, 10.125, 181.811



90, 54.090, 136.246



52, 6.790, 181.678



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, 31.670, 179.082



93, 38.243, 178.256



83, 24.104, 233.375



50, 5.071, 181.963



68, 49.500, 170.171



21, 21.258, 172.985

Inverse Universe

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



72, 37.119, 7.380



71, 46.339, 8.748



78, 30.840, 47.691



48, 5.262, 3.581



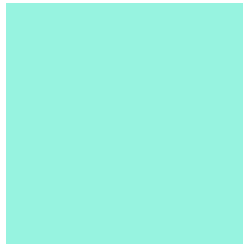
39, 73.065, 28.984



9, 29.973, 16.407

Previews

White Background



This preview shows how the CIE LCh color 90, 31.669, 179.084 looks on a white background.

Color Contrast Check

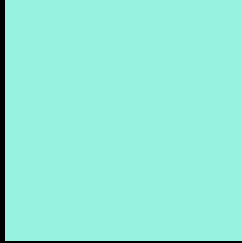
Large Text (above 18pt) WCAG AA × Fail

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, 31.669, 179.084 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

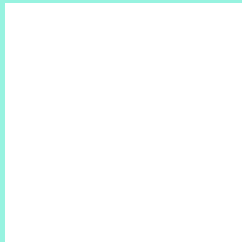
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 31.669, 179.084

Background



This preview shows how black text looks on a background with the CIELCh color 90, 31.669, 179.084.

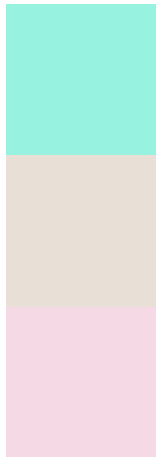


This preview shows how white text looks on a background with the CIELCh color 90, 31.669, 179.084.

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

90, 31.669, 179.084

Protanopia

90, 5.935, 80.147

Deuteranopia

90, 11.574, 347.699

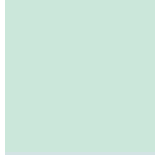


Tritanopia
90, 23.417, 221.876

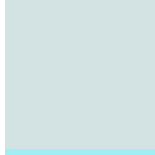
Trichromacy



Original Color
90, 31.669, 179.084



Protanomaly
89, 12.084, 164.600



Deuteranomaly
89, 5.618, 204.458

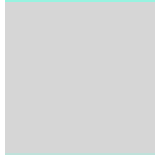


Tritanomaly
90, 24.716, 203.941

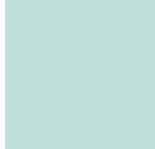
Monochromacy



Original Color
90, 31.669, 179.084



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 12.489, 181.474

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 31.669, 179.084 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(151, 243, 224)` looks like.

```
.text, #text, p{  
    color:rgb(151, 243, 224)  
}
```

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(151, 243, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 243, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 31.669, 179.084 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(151, 243, 224) }
```

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

```
.border{ border-color:rgb(151, 243, 224) }
```

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

Here you see how a box with a 4 pixel rgb(151, 243, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 243, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 243, 224);  
box-shadow:4px 4px 4px 4px rgb(151, 243,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 31.669, 179.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 243, 224) }
```

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

```
.background{ background-color: rgb(151,  
243, 224) }
```

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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