

Converting Colors

CIELCh(90, 62.080, 162.425)

Have a look what the booklet for
CIELCh(90, 62.080, 162.425)
contains.

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Color

CIELCh(90, 62.128, 162.285)

Conversions

Conversions Part 1

Format	Color
Hex	4FFEBC
RGB	79, 254, 188
RGB Percent	31%, 100%, 74%
CMY	0.6893, 0.0032, 0.2621
CMYK	0.69, 0.00, 0.26, 0.00
HSL	157°, 99%, 65%
HSV	157°, 69%, 100%
XYZ	47.8347, 76.3034, 59.8746
YIQ	194.1510, -83.1140, -57.6260

Conversions

Conversions Part 2

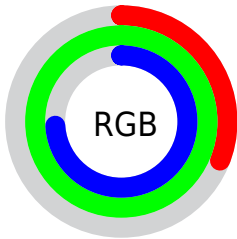
Format	Color
RYB	79, 187, 254
Decimal	5242556
CIELab	90.00, -59.18, 18.90
CIELCh	90, 62.128, 162.285
Yxy	76.3034, 0.2600, 0.4147
Android (android.graphics.Color)	4283432636 (0xFF4FFEBC)
YUV	194.1510, -3.0324, -100.9874
Hunter-Lab	87.3518, -55.1173, 20.5064

Details

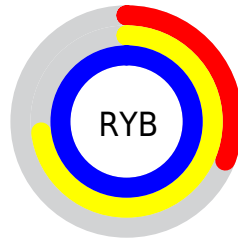
The CIELCh color **90, 62.128, 162.285** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **61, 70.500, 1.706**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 34.023, 187.621**, and **70, 58.861, 160.878** is the 20% darker color. If you saturate the color by 10%, you get **89, 68.268, 160.397**, and if you desaturate by 10%, it is **91, 55.000, 163.964**.

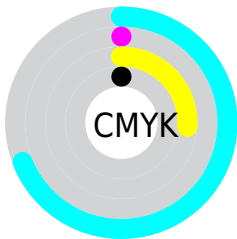
Distribution



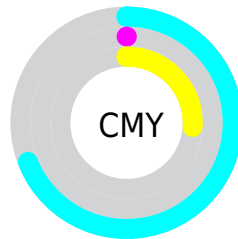
- Red (31%)
- Green (100%)
- Blue (74%)



- Red (31%)
- Yellow (73%)
- Blue (100%)



- Cyan (69%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (69%)
- Magenta (0%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 62.128, 162.285 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, 62.128, 162.285 by changing the saturation by 10% instead.

 90, 62.128,
162.285


 90, 62.128,
162.285


 100, 62.128,
162.285


 80, 62.128,
162.285


 70, 62.128,
162.285

 60, 62.128,
162.285


 50, 62.128,
162.285

 40, 62.128,
162.285

 30, 62.128,
162.285


 20, 62.128,


162.285


 10, 62.128,
162.285


 0, 62.128, 162.285


 90, 62.128,
162.285


 90, 62.128,
162.285

 89, 68.268,
160.397


 91, 55.000,
163.964


 89, 73.411,
158.295

 92, 46.970,
165.456

 89, 77.690,
156.015

 93, 38.180,
166.786

 89, 78.169,
155.751

 94, 28.802,
167.982

■ 96, 19.008,
169.070

■ 98, 8.961, 170.085

100, 0.520,
323.865

Harmonies

Complementary

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



90, 62.128, 162.285



61, 70.500, 1.706

Rectangle

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



90, 62.128, 162.285



90, 62.128, 212.285



90, 62.128, 342.285



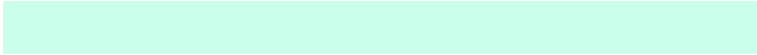
90, 62.128, 32.285

Sweetspot

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



90, 62.129, 162.284



96, 21.219, 168.841



91, 92.028, 130.063



51, 14.323, 168.545



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, 62.129, 162.284



89, 70.712, 159.543



86, 40.061, 212.732



52, 5.785, 170.016



69, 62.630, 156.178



23, 27.267, 159.350

Inverse Universe

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



61, 70.500, 1.706



57, 79.619, 6.698



62, 71.404, 36.110



50, 5.908, 351.660



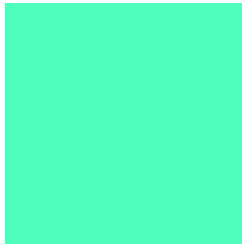
41, 68.665, 14.004



10, 31.282, 6.723

Previews

White Background



This preview shows how the CIE LCh color 90, 62.128, 162.285 looks on a white background.

Color Contrast Check

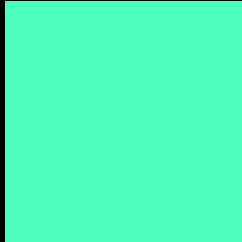
Large Text (above 18pt) WCAG AA × Fail

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 90, 62.128, 162.285 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, 62.128, 162.285

Background



This preview shows how black text looks on a background with the CIELCh color 90, 62.128, 162.285.

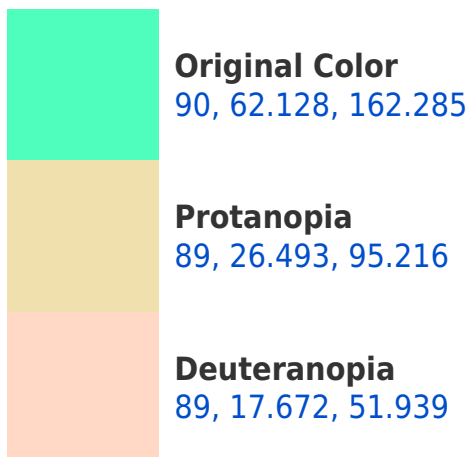


This preview shows how white text looks on a background with the CIELCh color 90, 62.128, 162.285.

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, 28.252, 213.929

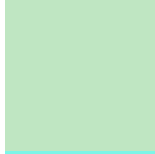
Trichromacy



Original Color
90, 62.128, 162.285



Protanomaly
88, 35.241, 141.979



Deuteranomaly
88, 23.619, 145.499

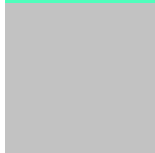


Tritanomaly
90, 37.557, 185.727

Monochromacy



Original Color
90, 62.128, 162.285



Achromatopsia
78, 0.009, 296.813



Achromatomaly
82, 25.878, 168.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 62.128, 162.285 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(79, 254, 188)` looks like.

```
.text, #text, p{  
    color:rgb(79, 254, 188)  
}
```

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(79, 254, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 254, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 62.128, 162.285 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(79, 254, 188) }
```

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

```
.border{ border-color:rgb(79, 254, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 254, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 254, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 254, 188);  
box-shadow:4px 4px 4px 4px rgb(79, 254,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 62.128, 162.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 254, 188) }
```

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

```
.background{ background-color: rgb(79, 254,  
188) }
```

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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