

Converting Colors

CIELCh(90, 52.977, 182.401)

Have a look what the booklet for
CIELCh(90, 52.977, 182.401)
contains.

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Color

CIELCh(90, 52.976, 182.399)

Conversions

Conversions Part 1

Format	Color
Hex	29FDE5
RGB	41, 253, 229
RGB Percent	16%, 99%, 90%
CMY	0.8401, 0.0082, 0.1023
CMYK	0.84, 0.00, 0.09, 0.01
HSL	173°, 98%, 58%
HSV	173°, 84%, 99%
XYZ	50.1263, 76.3034, 86.1424
YIQ	186.8760, -118.6480, -52.4080

Conversions

Conversions Part 2

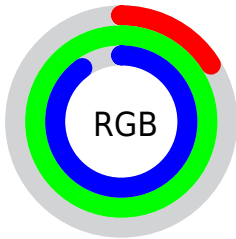
Format	Color
RYB	41, 153, 253
Decimal	2751973
CIELab	90.00, -52.93, -2.22
CIELCh	90, 52.976, 182.399
Yxy	76.3034, 0.2358, 0.3590
Android (android.graphics.Color)	4280942053 (0xFF29FDE5)
YUV	186.8760, 20.7671, -127.9333
Hunter-Lab	87.3518, -50.4344, 2.6771

Details

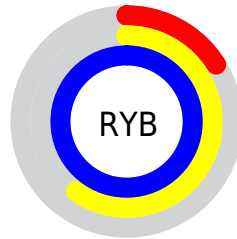
The CIELCh color **90, 52.976, 182.399** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **55, 86.558, 28.677**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 36.865, 197.158**, and **71, 45.398, 181.247** is the 20% darker color. If you saturate the color by 10%, you get **90, 54.868, 181.152**, and if you desaturate by 10%, it is **90, 50.082, 183.533**.

Distribution



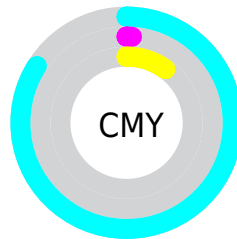
- Red (16%)
- Green (99%)
- Blue (90%)



- Red (16%)
- Yellow (60%)
- Blue (99%)



- Cyan (84%)
- Magenta (0%)
- Yellow (9%)
- Black (1%)





- Cyan (84%)
- Magenta (1%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 90, 52.976, 182.399 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, 52.976, 182.399 by changing the saturation by 10% instead.


 90, 52.976,
182.399


 90, 52.976,
182.399


 100, 52.976,
182.399


 80, 52.976,
182.399

 70, 52.976,
182.399

 60, 52.976,
182.399

 50, 52.976,
182.399

 40, 52.976,
182.399

 30, 52.976,
182.399

 20, 52.976,

182.399

■ 10, 52.976,
182.399

■ 0, 52.976, 182.399

■ 90, 52.976,
182.399

■ 90, 52.976,
182.399

■ 90, 54.868,
181.152

■ 90, 50.082,
183.533

■ 90, 55.669,
180.346

■ 91, 46.107,
184.575

■ 92, 41.059,
185.543

■ 93, 35.010,
186.457

■ 94, 28.077,
187.333

■ 95, 20.407,
188.183

■ 97, 12.150,
189.024

■ 99, 3.457, 189.960

■ 99, 1.170, 329.106

Harmonies

Complementary

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



90, 52.976, 182.399



55, 86.558, 28.677

Rectangle

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



90, 52.976, 182.399



90, 52.976, 232.399



90, 52.976, 2.399



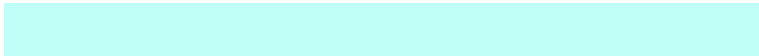
90, 52.976, 52.399

Sweetspot

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



90, 52.976, 182.398



96, 21.441, 188.088



88, 111.618, 135.557



51, 14.479, 187.790



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, 52.976, 182.398



90, 56.022, 180.340



67, 50.171, 262.937



52, 5.054, 189.401



70, 45.020, 180.584



23, 20.392, 182.302

Inverse Universe

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



55, 86.558, 28.677



53, 99.430, 36.069



66, 78.129, 54.397



50, 5.302, 10.836



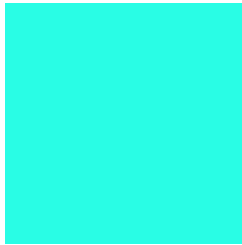
40, 79.341, 35.265



10, 32.513, 22.569

Previews

White Background



This preview shows how the CIE LCh color 90, 52.976, 182.399 looks on a white background.

Color Contrast Check

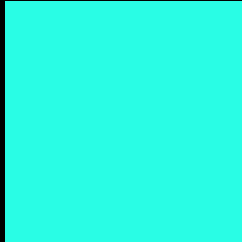
Large Text (above 18pt) WCAG AA × Fail

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, 52.976, 182.399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

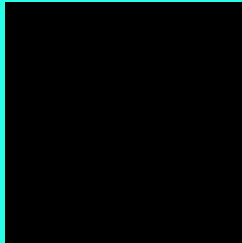
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

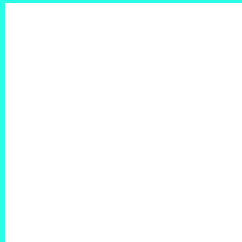
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 90, 52.976, 182.399

Background



This preview shows how black text looks on a background with the CIELCh color 90, 52.976, 182.399.

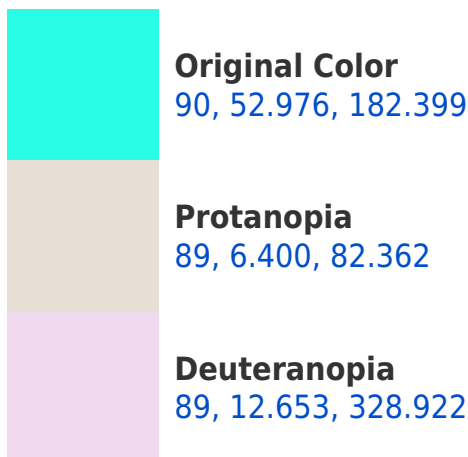



This preview shows how white text looks on a background with the CIELCh color 90, 52.976, 182.399.

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](#).

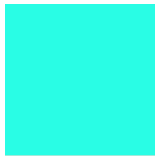
Dichromacy



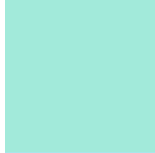


Tritanopia
90, 29.882, 212.935

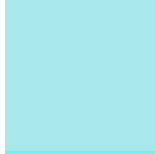
Trichromacy



Original Color
90, 52.976, 182.399



Protanomaly
88, 25.701, 178.625



Deuteranomaly
88, 20.586, 202.470

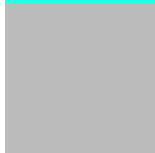


Tritanomaly
89, 39.121, 197.730

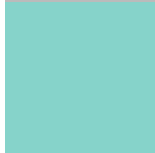
Monochromacy



Original Color
90, 52.976, 182.399



Achromatopsia
76, 0.009, 296.813



Achromatomaly
80, 25.955, 186.807

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 90, 52.976, 182.399 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(41, 253, 229)` looks like.

```
.text, #text, p{  
    color:rgb(41, 253, 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(41, 253, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 253, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 90, 52.976, 182.399 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(41, 253, 229) }
```

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

```
.border{ border-color:rgb(41, 253, 229) }
```

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

Here you see how a box with a 4 pixel rgb(41, 253, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 253, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 253, 229);  
box-shadow:4px 4px 4px 4px rgb(41, 253,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 90, 52.976, 182.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 253, 229) }
```

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

```
.background{ background-color: rgb(41, 253,  
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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